

COLLEGE OF PUGET SOUND BULLETIN

CATALOG EDITION

— 1922 —



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COLLEGE OF PUGET SOUND BULLETIN

CATALOG
1921-1922



TACOMA, WASHINGTON

- 1922 -

	January								April								July								October						
	S	M	T	W	T	F	S		8	M	T	W	T	F	S		8	M	T	W	T	F	S		8	M	T	W	T	F	S
January	1	2	3	4	5	6	7	April	...	...	...	...	...	...	1	July	...	...	...	...	...	...	1	October	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		2	3	4	5	6	7	8		2	3	4	5	6	7	8		8	9	10	11	12	13	14
	15	16	17	18	19	20	21		9	10	11	12	13	14	15		9	10	11	12	13	14	15		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		16	17	18	19	20	21	22		16	17	18	19	20	21	22		22	23	24	25	26	27	28
February	29	30	31	...	...	...	...	May	23	24	25	26	27	28	29	August	23	24	25	26	27	28	29	November	29	30	31	...	...	...	...
	...	...	...	1	2	3	4		30	...	...	...	...	...	...		30	31	...	...	...	...	...		...	...	...	...	...	...	...
	5	6	7	8	9	10	11		...	1	2	3	4	5	6		...	1	2	3	4	5	...		...	...	1	2	3	4	
	12	13	14	15	16	17	18		7	8	9	10	11	12	13		6	7	8	9	10	11	5		6	7	8	9	10	11	
March	19	20	21	22	23	24	25	June	14	15	16	17	18	19	20	September	13	14	15	16	17	18	December	12	13	14	15	16	17	18	
	26	27	28	...	...	...	...		21	22	23	24	25	26	27		20	21	22	23	24	25		19	20	21	22	23	24	25	
	...	...	...	...	...	...	...		28	29	30	31	...	...	...		27	28	29	30	31	...		26	27	28	29	30	...	...
	
	5	6	7	8	9	10	11		4	5	6	7	8	9	10		3	4	5	6	7	8		3	4	5	6	7	8	9	
	12	13	14	15	16	17	18		11	12	13	14	15	16	17		10	11	12	13	14	15		10	11	12	13	14	15	16	
	19	20	21	22	23	24	25		18	19	20	21	22	23	24		17	18	19	20	21	22		17	18	19	20	21	22	23	
	26	27	28	29	30	31	...		25	26	27	28	29	30	...		24	25	26	27	28	29		30	24	25	26	27	28	29	30

- 1923 -

	January								April								July								October						
	S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S
January	...	1	2	3	4	5	6	April	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7	October	...	1	2	3	4	5	6
	7	8	9	10	11	12	13		8	9	10	11	12	13	14		8	9	10	11	12	13	14		7	8	9	10	11	12	13
	14	15	16	17	18	19	20		15	16	17	18	19	20	21		15	16	17	18	19	20	21		14	15	16	17	18	19	20
	21	22	23	24	25	26	27		22	23	24	25	26	27	28		22	23	24	25	26	27	28		21	22	23	24	25	26	27
February	28	29	30	31	May	29	30	August	29	30	31	November
	
	4	5	6	7	8	9	10		...	1	2	3	4	5	...		...	...	1	2	3	4	...		...	...	...	...	...	...
	11	12	13	14	15	16	17		6	7	8	9	10	11	12		5	6	7	8	9	10	4		5	6	7	8	9	10	
March	18	19	20	21	22	23	24	June	13	14	15	16	17	18	19	September	12	13	14	15	16	17	December	11	12	13	14	15	16	17	
	25	26	27	28	...	...	...		20	21	22	23	24	25	26		19	20	21	22	23	24		18	19	20	21	22	23	24
	...	...	...	...	...	...	...		27	28	29	30	31	...	...		26	27	28	29	30	31		25	26	27	28	29	30	...
	
	4	5	6	7	8	9	10		3	4	5	6	7	8	9		2	3	4	5	6	7		2	3	4	5	6	7	8	
	11	12	13	14	15	16	17		10	11	12	13	14	15	16		9	10	11	12	13	14		9	10	11	12	13	14	15	
	18	19	20	21	22	23	24		17	18	19	20	21	22	23		16	17	18	19	20	21		16	17	18	19	20	21	22	
	25	26	27	28	29	30	31		24	25	26	27	28	29	30		23	24	25	26	27	28		23	24	25	26	27	28	29	

Calendar of College Events

1922-1923

SUMMER SCHOOL, 1922

Registration Day	June 12
First Session of Classes	June 13
Independence Day Holiday	July 4
Close of Summer Session	Aug. 11

FIRST SEMESTER, 1922-23

Registration	Sept. 11, 12
First Session of Classes	Sept. 13
Matriculation Day Exercises	Sept. 14
Reception by Christian Association	Sept. 15
Evangelistic Meetings	Nov. 20, 24
Thanksgiving Holiday	Nov. 30-Dec. 3
Christmas Recess, Inclusive	Dec. 21-Jan. 2, 1923
Final Semester Examinations	Jan. 24, 25, 26
Close of First Semester	Jan. 26

SECOND SEMESTER, 1923

Registration Day	Jan. 29
First Session of Classes	Jan. 30
Day of Prayer for Colleges	Feb. 1
Washington's Birthday Holiday	Feb. 22
Spring Recess	March 17-26
Cap and Gown Day	April 20
Scholarship Day	May 11
Memorial Day Holiday	May 30
Baccalaureate Sunday	June 3
Commencement Day	June 6

SUMMER SCHOOL, 1923

Opening Date	June 11
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Faculty

EDWARD HOWARD TODD, M. S., D. D.,
President.

B. S., Simpson College, 1886; M. S., Simpson College, 1889; S. T. B., Boston University, 1893; D. D., Simpson College, 1906; Corresponding Secretary University of Puget Sound, 1905-9; Vice-President of Willamette University, 1910-13; elected President College (University) of Puget Sound, Sept., 1913.

ALBERT BENJAMIN CUNNINGHAM, A. M., Ph. D.,
Dean.

A. B., Muskingum College, 1913; B. D., Drew Theological Seminary, 1915; Fellow, Drew Theological Seminary, 1916; A. M., New York University, 1916; Dean and Professor of Psychology, Lebanon University, 1916-18; Litt. D., Lebanon University, 1918; Ph. D., New York University, 1922; Dean and Professor of Psychology, The College of Puget Sound, 1919-.

OLIVE ADELE BALCKE, A. B.,
Associate Professor of Home Economics.

Diploma for teaching Home Economics, Bradley Polytechnical Institute, Peoria, Ill., 1909; Denver University, 1911; Teachers College, Columbia University, B. S. and Diploma for Teaching Home Economics, 1915; teacher of Home Economics, Public Schools, Quincy, Ill.; Normal Academy, Enterprise, Kans.; Public Schools, Madison, N. J.; High School, Atlantic City, N. J.; Army Hospital, Camp Dix, N. J.; Dietitian, Fergus County High School, Lewiston, Mont.; Associate Professor of Home Economics, The College of Puget Sound, 1921-.

WILLIAM CHISLETT, JR., Ph. D.,
Professor of English.

A. B., Stanford University, 1910; A. M., 1912; Ph. D., 1916; Student at the University of Chicago, 1907-8; 1910, 1911. Assistant in Latin, Stanford University, 1912-16; Assistant in English, The University of Southern California, 1917; Instructor in English, The University of California, 1917-19; Instructor in English, The University of Idaho, 1919-21; Professor of English, The College of Puget Sound, 1921-.

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MRS. HERBERT COCHRAN,

Instructor in Normal School Art.

John Herron Art Institute; Design Work under Miss Myrtle Taylor, Butler College; Mr. Albert Heckman, Teacher's College, Columbia; Water Color, Mr. Edward Forster, Chicago; Art Supervisor Public Schools, 1907-8; Art Department, Whitworth College, 1910-11-12; Art Department, College of Puget Sound, 1913-14; 1921-.

ANNA H. CRAPSER, B. A.,

Associate Professor of Modern Languages.

B. A., Ellsworth College; Milwaukee Seminary; University of Wisconsin, and University of Minnesota, majoring in Modern Languages. Taught in the high schools of Ocheydan, Hawarden, Sac City, Jefferson, Iowa; and at Lewiston, Mont. Associate Professor of Modern Languages, The College of Puget Sound, 1920-.

WALTER SCOTT DAVIS, A. M.,

Professor of History and Social Sciences.

A. B., DePauw University, 1889; A. M., Cornell University, 1892; Student of History, University of Leipzig, 1892-3; Fellow in History and Political Science, University of Chicago, 1894-1896; Instructor in History, Richmond (Ind.) High School, 1897-1907; Professor of History and Political Science, College of Puget Sound, 1907-.

FREDRIK LORENTZS GJESDAHL, M. Pd., Pd. D., Ph. D.,

Professor of Education.

Studied in the school and colleges of Norway; M. Pd., New York University; graduate student, Columbia University, 1915-20; Pd. D., New York University, 1918; Ph. D., New York University, 1920. Cleveland high school, 1918; Lecturer, New York University, 1919-1920. Head of the Department of Education, College of Puget Sound, 1920-.

FRANCIS WAYLAND HANAWALT, A. M.,

Professor of Mathematics and Astronomy.

A. B., DePauw University, 1884; Graduate Work, Columbia University, University of Chicago, Cornell University and Chamberlain Observatory; A. M., DePauw University, 1902; Department of Mathematics and Astronomy, Mt. Morris College, 1884-1893; Instructor of Mathematics, DePauw University, 1893-98; Professor of Mathematics and Astronomy, Iowa Wesleyan University, 1898-1903; Professor of Mathematics and Astronomy, Albion College, 1904-1908; Professor of Mathematics and Astronomy, College (University) of Puget Sound, 1908-.

FACULTY

RANSOM HARVEY, JR., Ph. D.,

Professor of Physical Sciences.

A. B., Shurtleff College, Alton, Illinois, 1905; Student, University of Missouri, summer sessions, 1906, 1908, 1910; A. M., Brown University, 1911; Ph. D., Dixon College, 1913; Instructor, La Grange College, 1905-6; Instructor high schools Wisconsin and Missouri, 1906-1911; Professor of Physics and Chemistry, Dixon College, 1911-13; Professor of Physics and Chemistry, Central College, 1913-14; Professor of Physics and Chemistry, College of Montana, 1914-15; Professor of Physical Sciences, College of Puget Sound, 1915-.

GEORGE FREDERICK HENRY, A. M.,

Professor of Chemistry.

B. S., Washington State College; M. S., Northwestern University; student, The University of Chicago. Professor of Chemistry, Lucknow Christian College, eight years; Vice-President, two years; Professor of Chemistry and Physics, Mount Union College, one year; Professor of Chemistry and Physics, Fargo College, five years; Assistant Dean, Fargo College, two years. Head of the Department of Chemistry, The College of Puget Sound, 1921-.

LYNETTE HOVIOUS,

Professor of Public Speaking.

Iowa State Normal School, 1901; Teacher Public Schools, Country School and Prescott, Iowa, 1901-5; Student Cornell College, 1911-12; Graduate Northwestern University School of Oratory, 1914; Professor of Public Speaking, College of Puget Sound, 1917-.

GEORGE S. INNIS, Ph. D.,

Part Time Professor of English Literature.

A. B., Ohio Wesleyan University; S. T. B., Boston University, Ph. D., Illinois Wesleyan University; D. D., Hamline University. Connected with Hamline University since 1881. Dean of Men and Head of Department of Education, 1916-20. Part time Professor of English Literature, The College of Puget Sound, 1921-.

RALPH LESTER KELLY, A. M.,

Professor of Economics and Business Administration.

A. B., The University of Washington, 1920; A. M., 1921. Assistant in the Department of Business Administration, University of Washington, 1920-21. Professor of Economics and Business Administration, The College of Puget Sound, 1921-.

COLLEGE OF PUGET SOUND

ROGER WELLS PECK,

Director of Athletics.

Assistant Coach, St. John's College, 1916; Coach, The City College, 1914-15; Coach, Parett Memorial College, 1917; Lieut. U. S. Army, 1918-1919; Director of Athletics, College of Puget Sound, 1919-.

GEORGIA RENEAU, Ph. M.,

Professor of English.

Kansas State Normal School, 1902; Principal of High School, Tulsa, Oklahoma, 1903-8; Ph. B., University of Chicago, 1909; Ph. M., University of Chicago, 1910; English in Kansas State Normal School, 1910-13; Graduate Student University of Chicago, 1909, 1910, 1911, 1913; Graduate Student, University of Pennsylvania, 1913; Professor of English, College of Puget Sound, 1913-21; Professor of Philosophy and Sociology, 1921-.

CHARLES ARTHUR ROBBINS, A. B.,

Registrar and Bursar; Associate Professor of Spanish.

A. B., DePauw University, 1904; Teacher, Medarville High School, 1904-5; Teacher, English College, Iquique, Chile, 1905-6; in business, Chili, Peru and Bolivia, 1906-11; diplomatic service, United States Legation, Copenhagen, 1918-19; Registrar and Bursar, College of Puget Sound, 1916; Associate Professor in Spanish, 1919-.

A. P. ROLEN, A. M., D. D.,

Part Time Professor of Religion.

A. M., D. D., Hedding College; Professor of Bible and Philosophy, Hedding College, 1902-1919. Part time Professor of Religion, The College of Puget Sound, 1921-.

JAMES RODENBURG SLATER, M. Pd., M. A.,

Professor of Biology.

Litt. B., Rutgers College, 1913; M. A., Syracuse University, 1917; M. Pd., Syracuse, 1919; Principal Flintstone Agricultural High School, 1914; Principal Leland University, New Orleans, 1915, Teaching Fellow, Syracuse University, 1916; Assistant Instructor, Syracuse University Summer School, 1919; Professor of Biology, College of Puget Sound, 1919-.

FACULTY

CONSERVATORY OF MUSIC

EDWARD CLAYTON JOHNSON,

Director of the Conservatory.

Graduate and post-graduate in Piano, Organ and Theory, Conservatory of Music, College of Puget Sound; for one year Assistant Organist, First M. E. Church, Tacoma; Organist of St. Luke's Episcopal Church, and later of the First Swedish Lutheran Church, Tacoma; Instructor (Assistant Instructor, 1916-17) in Piano, Conservatory of Music, College of Puget Sound, 1916-20; Organist, First M. E. Church, 1921-; Director of the Conservatory, 1920-.

FREDERICK KLOEPFER,

Teacher of Voice Culture.

Pupil of Herr Daniel of Lippischer Hof Opera; Pupil of Herr Vieth, Capelmeister in Hanover, Germany; Pupil of Herr Barkhausen of Hanover; well known Concert Baritone in Northern Germany; College of Puget Sound, Conservatory of Music, 1914-.

MADGE C. HURD,

Pianoforte.

Studied in the School of Music of Carlton College, Northfield, Minn., and in Puget Sound Conservatory of Music. Taught private classes in Fairbault, Minn.; Puget Sound Conservatory of Music, 1919-.

MISS PEARL ANDERSON,

Assistant Instructor in Piano.

Graduate, Conservatory of Music, College of Puget Sound, 1919. Instructor, C. P. S. Conservatory, 1920-.

MISS RITA TODD,

Assistant Instructor in Piano.

MRS. CHAUNCEY DUNKELBERGER,

Violin.

COLLEGE OF PUGET SOUND

OFFICERS OF THE CORPORATION

E. L. Blaine	Chairman
George Scofield	Vice-Chairman
Dix H. Rowland	Secretary
Alfred Lister	Treasurer
Charles A. Robbins	Financial Secretary
Charles P. Johnson.....	Corresponding Secretary
R. L. Sprague.....	Field Secretary
Edward H. Todd	President of the College

OFFICERS OF ACADEMIC ADMINISTRATION

President	Edward H. Todd
Dean	Albert B. Cunningham
Registrar	Charles A. Robbins
Secretary of the Faculty	Walter S. Davis
Director, Conservatory of Music	Clayton Johnson
Director, Men's Dormitory	Walter S. Davis
Secretary to the President	Olive I. Brown

General Information

OUR STANDARD.—The College of Puget Sound is organized for the purpose of providing the young men and women of the Northwest with symmetrical development. Sane physical training and wholesome moral and religious guidance are to have equal recognition with mental culture. The College knows no forbidden fields of knowledge, but in all departments seeks to know and reverence the truth. The aim of the school is to develop Christian character and fit men and women for the every-day demands of life. While the College is under the auspices of the Methodist Episcopal Church, young people of good moral character will receive a welcome irrespective of creed.

LOCATION.—The College is located in the City of Tacoma, one of the three largest cities in the State of Washington. Tacoma is situated on Commencement Bay, at almost the southern extremity of Puget Sound. Four transcontinental railroads enter the city. The ships of the world's commerce land at her doors. It is a city of good pay rolls, fine homes, beautiful scenery, good churches and schools. The climate is comparatively mild the year round. It is located in about the geographical center of Western Washington, and Western Washington is the most

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thickly populated of any like area west of the Missouri River and north of California. The Sound is a beautiful inland sea where the tides of the ocean come and go twice every twenty-four hours, reminding us that the greatest highway of the world is at our doors.

The College is located one mile from the City Hall, in a good residence district. Two street car lines pass its doors. It is within easy walking distance of the Public Library, the State Historical Building and Ferry Museum, and the leading churches. There is no city in the West which furnishes a better location for a college, and no college location could be better related to the city than is that of the College of Puget Sound.

NEW LOCATION.—It is a source of great gratification to the College that it has secured a new campus of thirty-seven acres in the heart of the residence district of the North end of the city, on which it is planning the erection of its new plant. The new location is accessible by three street car lines, will give the Greater College an adequate campus for its future expansion.

ACCREDITATION.—The College of Liberal Arts, Normal Department and Summer School are accredited by the Board of Education of the State of Washington.

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EQUIPMENT.—The campus contains about seven acres. There are six buildings. The Administration Building consists of two stories and basement, and is well built. The Chapel Building is likewise two stories and basement. The President's Residence, the Men's Dormitory, the Music Hall, the Women's Dormitory, and Gymnasium complete the number of buildings.

LABORATORIES.—The Chemical, Biological, Physical Science and Home Economics Laboratories are housed in separate and roomy quarters. All are well lighted and fitted to take care of all the courses offered in these various departments.

LIBRARY.—The Library is housed in a commodious, well lighted room on the second floor of the Chapel Building. The Library contains about 7600 volumes. The Alumni Association has assumed the task of augmenting and equipping the Library. The Tacoma Public Library is also available and is most accommodating to the College.

DORMITORIES.—The College maintains a women's dormitory and a men's dormitory. Both are furnished with the heavier pieces of furniture. Students rooming in the dormitories should bring with them linen, covers, towels and other furnishings to suit their individual taste.

The women's dormitory is under the charge of a mature and experienced matron, who acts as pre-

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ceptress and has charge of the dining hall. The women's dormitory is the center of interest and attention of the Women's College League, and every effort is made to make it a homelike place in which young women may receive adequate care and supervision. Board is furnished at moderate cost.

The men's dormitory is in charge of a faculty proctor. It is a convenient home for College men. Residents in the dormitory have the use of a dormitory parlor, kitchen and dining room with accommodations for individual housekeeping if they choose. Men preferring to board can obtain board at reasonable rates in private homes in the neighborhood.

The capacity of both dormitories is very limited, and early reservation of a room is advisable. It is expected that all students who begin residence in one of the College dormitories shall continue such residence throughout the year; but in every case the student must pay in full for the semester for which reservation is made.

SUPERVISION OF YOUNG WOMEN.—The young women of all departments of the institution are under the supervision of the Preceptress. Young women residing outside the dormitories are required to register with the Preceptress the names and addresses of the residents with whom they live.

Some young women earn a part or all of their board and room by assisting in the homes where they live. No young woman is allowed to enter such

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a home on her own responsibility. Women of the city who wish to employ college girls consult with the Preceptress, who canvasses the situation and keeps a list of reliable homes, together with an account of the advantages offered and the kind of work required.

ASSOCIATED STUDENTS.—The organized student body, known as the Associated Students, has general direction and charge of such College activities as athletics, student publications, debating and oratorical contests, glee clubs, band, literary, social and certain religious activities, with the faculty in advisory relation. Direction of activities, is exercised mainly thru a representative body known as the Central Board composed of the officary of the Associated Students and a representative of each subordinate organization and three advisory representatives from the faculty.

ATHLETICS.—The College believes in a “sound mind and a sound body.” Every student is urged to take regular and systematic exercise, and there are required courses in physical training in the Freshman year. The value and place of athletics in the development and training of the individual student and in promoting a healthy spirit of loyalty and enthusiasm in the student body are recognized, and athletics are encouraged so far as is consistent with the highest scholastic and ethical standards. The College provides the services of competent athletic coaches, and all athletics are under the supervision of the faculty.

COLLEGE PUBLICATIONS.—The regular student publication is *The Trail*, and is published monthly. It is edited and managed by the representatives of the student body. Besides affording a field for journalistic work, it is an important factor in expressing the student life, in all religious, athletic, literary and social lines.

The *College Annual* is the *Tamanawas*, published by the Junior Class. It stresses the various events of the college year; gives the personnel of the various organizations; and is a splendid organ of the aims and accomplishments of the College.

DEBATE AND ORATORY.—The College holds an annual debate between its students and those of one or more neighboring institutions. These contests, while fostered by the Department of Public Speaking, are under the management of the Associated Students and contribute largely to the production of healthful school spirit and enthusiasm.

PI KAPPA DELTA FORENSIC SOCIETY.—The Pi Kappa is a National Honorary Society to which Intercollegiate Debaters, or those having won first place in Oratory, may belong.

LITERARY SOCIETIES.—The students maintain six literary societies. The Philomathean, T. T. T., and Amphictyon are mixed societies; the H. C. S. is for men, Delta Alpha Gamma and Kappa Sigma Theta are societies for women. Inasmuch as the several

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societies present individual characteristics and ideals, they insure themselves and their prospects ample opportunity for investigation and deliberation by electing or pledging no student to membership during the first eight weeks after college registration.

SOCIAL LIFE.—The College seeks to maintain the proper relation of social activities in the life of the students. The College is committed to coeducation as a scholastic and social ideal, but seeks to properly safeguard the moral and scholastic welfare of its students. The policy of the College is to grant to its students the greatest amount of self-responsibility that is shown to be safe, resorting to faculty discipline only as it is made necessary by the conduct of the student.

RELIGIOUS ORGANIZATIONS.—The Y. M. C. A. and Y. W. C. A. are strong and efficient organizations, enjoying the leadership of the strongest and most popular students and embracing in their membership the majority of the student body. Splendid work is done in the Association Bible Study and Mission Study classes, and the midweek Association meetings are invaluable sources of inspiration and help. The opportunity of representing the College at one of the great intercollegiate association conferences held annually in June at one of the ocean beaches is one of the most valuable privileges of a College course.

In the local band of Student Volunteers the College is serving as a fine recruiting station in the great missionary work of the Church.

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STUDENT EMPLOYMENT.—Many students come to the College every year who need to earn part of their expenses. The City of Tacoma, by reason of its size, affords many opportunities for self help. The stores, banks, hotels and restaurants, mills, factories, newspapers and homes offer employment to a large number of students. Seldom has a student been compelled to leave school for want of employment. No young man or young woman of fair health and well supplied with energy and thrift need fail to receive an education. The faculty is glad to render students all possible assistance in finding employment. Any prospective student wishing employment should address a request to the President for a Student Employment Blank, which when properly filled out and returned will be of material assistance in finding a position. Students planning to earn a considerable portion of their expenses should plan not to take the full quota of studies. While many students are able to make all of their expenses a student should come provided with sufficient funds to meet initial expenses and afford some margin for emergencies.

SCHOLARSHIPS.—The College grants annually twenty-five scholarships to graduates of accredited four-year high schools of the State of Washington, yielding a remission of twenty dollars of incidentals each semester, for the freshman year of any degree course. Such scholarship will be continued in force thruout the four years or so long as the holder of the scholarship continues to make first grades in at least

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one-half of his or her studies and nothing lower than a second grade. In case of failure to comply with this standard after the first year during which the scholarship is in force, such scholarship will then be cancelled. The purpose of these scholarships is to place emphasis upon excellent work and to assist those who are worthy but may be in needy circumstances. A small amount of library service will be expected of each holder of a scholarship.

LOANS.—The Board of Education of the Methodist Episcopal Church from year to year makes loans in limited amounts to needy and worthy students who are members of this denomination. In order to obtain such assistance the student must be in actual attendance at the College, must be doing satisfactory work in his studies and be recommended by the faculty for the loan desired.

PRIZES.—The following prizes are awarded each year:

EDWARD B. KING ENGLISH PRIZE.—To the most proficient and accomplished student in English during the entire College course an Unabridged Standard Dictionary is presented by Mr. Edward B. King, of Tacoma, Washington.

JAMES G. NEWBEGIN DEBATING TROPHY AND PRIZES.—In 1918 a beautiful loving cup was offered by Mr. James G. Newbegin as a trophy to the winning

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debating team in an interscholastic contest among the several literary societies. The contest is an annual function under the auspices of the Associated Students, and the trophy will be retained by or passed on to the winning society from year to year.

A cash prize of \$25.00 is offered to the two leading debaters in the intersociety contest.

THOMAS J. WAYNE ENGLISH PRIZES.—Two prizes of \$25.00 and \$15.00 are offered for the first and second best of original work in the Freshman English class.

ATTORNEY A. O. BURMEISTER ORATORY PRIZE.—\$100.00 is given by Attorney Burmeister to the best orators in the College.

The contestant must write a 1200 word oration, which is submitted to a Faculty Committee chosen by the Department of Public Speaking.

The six best orations are presented before an open Forum by the respective contestants, before a set of outside judges. To the orator winning first place is given a cash prize of \$75.00; to the orator winning second, is given a cash prize of \$25.00.

The winner represents the College in the Interstate contest.

BURMEISTER DEBATE PRIZE.—A \$50.00 cash prize is offered by Attorney Burmeister to the best woman debater in College.

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ATTORNEY LANGHORNE DEBATE PRIZE.—A \$75.00 cash prize is given by Attorney Maurice Langhorne to the best debaters in College, \$50 going to the intercollegiate debater holding first place; \$25 going to the debater holding second place.

FEEES

All Fees are payable at time of Registration

Incidental Fee—Per Semester—

Three or More Courses	\$41.00
Two Courses of not less than six credits	31.00
One Course, or from one to five credits	23.00
Extra Hours, each	1.50

Laboratory Fees—Per Semester—

Biology, 1, 2	\$ 2.00
Biology, 3	1.00
Botany, 7, 8, 10	2.00
Botany, 11, 12	3.00
Chemistry, 1, 2, 3, 4, 15, 16, 31, 32, 34	6.00
Chemistry 35, 36	3.00
Chemistry, 11, 12, 14, 33, 37, 38	9.00

Students in Chemistry Courses will purchase

Breakage and Material tickets as follows:

Chemistry, 1, 2, 3, 4	\$1.00
Chemistry, 11, 12, 14, 18, 33, 34, 35, 36	2.00
Chemistry, 15, 31, 32, 37, 38	5.00
Home Economics, 1, 2, 3	4.50
Home Economics, 4	3.00
Home Economics, 5, 6, 7, 8, 9, 11	2.00
Home Economics, 10	1.00
Methods, 13, 14, 15, 16, (Normal Art)	2.00
Physics, 1, 2	3.00
Physics, 3, 4	4.00
Zoology, 14	3.00
Zoology, 15	2.00

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Sundry Fees—

Associated Students Fee, per Semester	\$ 5.00
Registration Fee, Private Lessons, per course	3.00
Late Registration Fee	1.00
Special Examination Fee	1.00
Examination for credit, per credit hour	1.00
Degree Diploma	5.00
Normal Diploma	2.50

DEPARTMENT OF PUBLIC SPEAKING

(Forty-Minute Lessons)

Private Lessons, two per week, per semester	\$45.00
Private Lessons, one per week, per semester	25.00
Private Lessons, course of ten	14.00
Private Lessons, single	1.50

DORMITORY RENTALS

Board and Room will be furnished at the Women's Hall, per day	\$ 1.25
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Administration of the Curriculum

ADMISSION

Each candidate for admission is required to present a testimonial of good moral character. Such testimonial may be subscribed by his high school principal on the College Entrance Certificate furnished by the College or may be supplied in a special written statement by his pastor or some other reliable person. Each candidate for admission to the College by transfer from another college or university is required to present honorable dismissal from the institution from which he comes.

Delay and inconvenience will be avoided if scholarship credentials and statements of credits are presented early—a month, if possible, before proposed registration. A College Entrance Certificate blank may be obtained from the high school principal or by addressing the Registrar of the College. The submission of the College Entrance Certificate, filled out and signed by the high school principal, is interpreted as declaring an intention to enter the College of Puget Sound, but in no way obligates the candidate. The Registrar will be glad to furnish any prospective can-

COLLEGE OF PUGET SOUND

didate for admission at any time a tentative statement of his college entrance standing, if provided with an itemized statement of the credits to be presented.

The College will accept for admission to freshman standing by certificate credits from accredited high schools and other accredited secondary schools. Graduates of high schools of which one or more years are not accredited may be admitted by examination in unaccredited branches or may be admitted to tentative standing until the value of preparation for college work can be determined.

High school credits are reckoned in semester rather than in year units. A unit stands for the equivalent of five recitation or laboratory periods per week in a branch of study for a semester. Recitation periods of forty-five minutes, laboratory periods of ninety minutes, and a semester of eighteen weeks are considered minimum standards for high school work. College credits are reckoned in credits, or hours—a credit standing for a recitation or lecture or laboratory period per week for one semester.

I. ADMISSION TO FRESHMAN STANDING

A—GENERAL REQUIREMENTS—30 UNITS.

- (1) 6 units of English.
- (2) 4 units of Mathematics (5 or 6 units may be presented).

ADMINISTRATION OF THE CURRICULUM

(3) 6 units from one of the following groups (but 1 or 2 units may be substituted by equivalent additional units of mathematics (2):

- (a) *Foreign Language*—Latin, German, French, Spanish. (Four units in one language required, and not less than two units in any language counted.)
- (b) *History*—Ancient, general, Greek, Roman, medieval, modern, English, United States, civics, economics (at least two units of consecutive work).
- (c) *Science*—General science, physical geography, physiology, biology, botany, zoology, geology, physics, chemistry (not less than two units in biology, physics or chemistry. Definite laboratory work required in biology, botany, zoology, physics and chemistry.)

(4) 4 units in subjects listed in foreign language, history and science groups (a)-(c).

(5) 10 units including any subjects accepted by an accredited high school for its diploma (not more than eight units in vocational subjects).

A candidate who has fulfilled the above requirements will be admitted to full freshman standing in the College. A candidate presenting thirty units from an accredited high school with a deficiency of not more than two units of foregoing specifications will be admitted to conditioned freshman standing.

Excess entrance credits will not be considered for advanced standing unless based on post-graduate work, and will in no case be granted except on recommendation of the head of the department concerned after at least one semester of residence.

COLLEGE OF PUGET SOUND

B—PREREQUISITES TO COLLEGE CURRICULA.

In addition to the subjects specifically listed in General Requirements (A) the following subjects are listed as respectively prerequisite to the several curricula.

(1)—*Curriculum in Language*—

Latin	4	
A modern foreign language	2	
History	4	
Science	2	12
		<hr/>

(2)—*Curriculum in Science*—

Science (including physics)	6	
Mathematics (advanced)	2	
Foreign language	2	
History	2	12
		<hr/>

(3)—*Curriculum in Social Subjects*—

History	6	
A foreign language	4	
Science	2	12
		<hr/>

(4)—*Curriculum in Education*—

History	4	
A foreign language	4	
Science	4	12
		<hr/>

C—COLLEGE PRESCRIPTION ADDITIONS.

In the case of candidates who can meet the general requirements (A), but are deficient in specified curricula prerequisites (B), deficiencies will be added to

ADMINISTRATION OF THE CURRICULUM

curriculum prescriptions and college credit will be given for such courses to the extent that free electives are available. Deficient prerequisites are to be given precedence in arranging a schedule.

D—COLLEGE PRESCRIPTION REMISSIONS.

Remission of any college prescription on the basis of excess of specified requirements and prerequisites (A and B) requires special action of the faculty.

II. ADMISSION OF SPECIAL STUDENTS

Students who are not high school graduates, but who give satisfactory evidence of ability to do acceptable work in certain college studies may be admitted as special students. To be enrolled in any class a special student must have the approval of the dean and of the head of the department concerned, and in all cases enrollment will be on strict probation, continuation of the course dependent on satisfactory work. But the preference of the College is that all students be prepared for regular entrance; and the enrollment of special students, save in clearly exceptional cases, is discouraged.

III. ADMISSION TO ADVANCED STANDING

A—FROM OTHER COLLEGES.

Students presenting credits from other colleges of recognized rank will be admitted to such advanced standing as their preparation may entitle them. Full

COLLEGE OF PUGET SOUND

recognition of credits will be tentative, conditioned upon satisfactory progress for not less than one semester.

B—FROM NORMAL SCHOOLS.

Students presenting credits from approved normal schools will be given a sum credit of twenty-nine credits for the full work of each year parallel with the freshman and sophomore years in any four-year curriculum the candidate proposes to enter. A graduate of the advanced normal curriculum, who satisfies general entrance conditions will be admitted to junior standing. For prescriptions to meet requirements for the Bachelor of Arts degree, see page 42.

C—FROM POST-GRADUATE COURSES IN HIGH SCHOOL.

Advanced standing will be given for post-graduate courses presented from high schools recognized as qualified to offer one or two years of collegiate work.

D—FROM PROFESSIONAL SCHOOLS.

For professional training of two years or more in a recognized institution thirty-six credits constitute the maximum of advanced standing.

PRESCRIPTIONS AND ELECTIVES

The College aims to insure a fair degree of specialization in some field without infringing on a proper

freedom of election. To this end the following rules are established to guide the student in the determination of his College work:

1. At the beginning of the Freshman year the student will elect the particular curriculum he decides to pursue. This choice is limited only by entrance conditions involved.

2. At the beginning of the Junior year the student will designate the department in which he prefers to specialize, or major. In this connection a major consists of twenty-four credits, including both required and elective work, in any one of the following departments: Ancient Languages, Chemistry, Modern Languages, English, History and Government, Public Speaking, Mathematics and Astronomy, Physical Sciences, Biological Sciences, Philosophy and Sociology, Economics and Business, Education, Psychology, and Religion. But while 24 hours constitute a major, more may be required of the student if in the judgment of the Department concerned it should be advisable.

3. Beside the twenty-four credits in the departmental major twenty-four additional credits must be taken from one of the following groups to which the major belongs, viz:

- (1) Language—English (including Public Speaking), Latin, Greek, German, French, Spanish.
- (2) Science—Mathematics, Astronomy, Chemistry, Physics, Geology, Botany, Zoology, Physiology, Home Economics.

COLLEGE OF PUGET SOUND

- (3) Social Subjects—History, Government, Sociology, Economics and Business, Philosophy, Education, Religion, Psychology.

4. Beyond the demands of the major and its group, as above specified, freedom of election is limited only by the specified prerequisites of given courses. For purposes of economy the College reserves the right to withdraw any elective course offered, if elected by fewer than five students.

CLASS STANDING

FRESHMAN RANK.—A student is ranked as a freshman who has satisfied entrance or conditioned entrance requirements.

SOPHOMORE RANK.—A student is ranked as a sophomore who has satisfied all entrance requirements and has a total of at least 31 credits (in Education 35 credits).

JUNIOR RANK.—A student is ranked as a junior who has at least 55 credits (in Education 60 credits).

SENIOR RANK.—A student is ranked as a senior who has at least 90 credits (in Education 98 credits).

SPECIAL STANDING.—A student is designated as special who is unable to obtain any of the foregoing

ADMINISTRATION OF THE CURRICULUM

ranks, but is permitted to pursue certain subjects for which he is recognized as qualified.

The ranking given a student at the beginning of the year holds good for the academic year concerned. The student may not obtain advanced standing in the middle of the year.

REQUIREMENTS FOR GRADUATION

MINIMUM RESIDENCE AND CREDITS IN ANY CURRICULUM.—To be recommended for graduation from any curriculum a student must have been in attendance for at least two semesters, or one semester and two summer sessions, and present a minimum of twenty-four credits earned in the College of Puget Sound, with no less than six credits in either semester.

BACHELOR OF ARTS DEGREE.—The degree of Bachelor of Arts is conferred on satisfaction of all entrance, prerequisite, prescription and major specifications in accordance with one of the several four-year curricula, with a total of at least 130 credits (in Education 138). To be admitted to candidacy for the Bachelor of Arts degree the student will present a minimum of 90 credits, with all entrance and prerequisite requirements and all prescription requirements for the freshman and sophomore years fully satisfied. Application for admission to candidacy will be made at least three months previous to proposed graduation.

COLLEGE OF PUGET SOUND

GRADUATION HONORS.—Students on completion of curricula in the College of Liberal Arts will be given graduating honors on the following basis:

Summa Cum Laude: Rarely and for special excellence only.

Magna Cum Laude: Not more than two grades below first, and none lower than second.

Cum Laude: Two-thirds first, none lower than second.

Honorable Mention: for successful and sustained work in one or more departments of study.

BACHELOR OF ARTS DEGREE FOR NORMAL GRADUATES.—Students who have completed two years of Normal Training of collegiate grade may complete requirements for the degree of Bachelor of Arts by satisfying admission and prerequisite requirements, and presenting a total of seventy-two credits as follows: Foreign languages, 14 credits, physics or chemistry 8 credits, botany or zoology 6 credits, sociology or economics 6 credits, philosophy 6 credits, departmental major 42 credits, electives.

NORMAL DIPLOMA.—Upon completion of the prescribed two-year curriculum in Normal Training a Normal School Elementary Diploma will be granted.

ADMINISTRATION OF THE CURRICULUM

CURRICULA

I. CURRICULUM IN LANGUAGE

Leading to the Degree of Bachelor of Arts

(1) <i>Language</i>	{ English 1, 2, elective	12	
	{ Foreign language	20	
	{ Public Speaking	4	36
<hr/>			
(2) <i>Science</i>	{ Mathematics or physical science	8	
	{ Biological Science	6	14
<hr/>			
(3) <i>Social Subjects</i>	{ Economics	3	
	{ History	6	
	{ Sociology	6	
	{ Psychology	3	
	{ Philosophy	6	
	{ Bible	2	26
<hr/>			
(4) <i>Miscellaneous</i> ..	{ College problems	1	
	{ Physical education	2	
	{ Major	24	
	{ Free elective	27	54
<hr/>			
<i>Total Requirement for graduation</i>			130

CURRICULUM IN LANGUAGES

<i>Freshman Year</i>		<i>Junior Year</i>	
English	6	Foreign Language	6
Foreign Language	8	Psychology	3
Public Speaking	2	Physiology	3
Bible History	2	Ethics	3
History	6	Sociology or Economics....	6
Mathematics or Physical		Electives	12
Science	8		<hr/>
College Problems	1		33
Physical Training	2		

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COLLEGE OF PUGET SOUND

<i>Sophomore Year</i>		<i>Senior Year</i>	
Foreign Language	6	Thesis	3
English	6	Electives	27
Biological Science	6		
Public Speaking	2		30
Electives	12		
	32		

II. CURRICULUM IN SCIENCE

Leading to the Degree of Bachelor of Arts

(1) <i>Language</i>	{ English 1, 2	6	
	{ Foreign language	14	
	{ Public speaking	4	24
(2) <i>Science</i>	{ Mathematics	8	
	{ Physics	8	
	{ Chemistry	10	
	{ Botany or zoology	6	32
(3) <i>Social Subjects</i>	{ History	6	
	{ Sociology or economics	6	
	{ Psychology	3	
	{ Philosophy	6	
	{ Bible	2	23
(4) <i>Miscellaneous</i> ..	{ College problems	1	
	{ Physical education	2	
	{ Major	24	
	{ Free elective	24	51
<i>Total requirements for graduation</i>			130

ADMINISTRATION OF THE CURRICULUM

CURRICULUM IN SCIENCE

<i>Freshman Year</i>		<i>Junior Year</i>	
French or German	8	Psychology	3
Chemistry or Physics	8	Philosophy	3
Mathematics	8	Ethics	3
English	6	Physiology	4
Public Speaking	2	Bacteriology	5
College Problems	1	History	6
Physical Training	2	Electives	7
<hr/>		<hr/>	
35		31	
<i>Sophomore Year</i>		<i>Senior Year</i>	
Botany or Zoology	6	Thesis	3
French or German	6	Sociology or Economics....	6
Chemistry	8	Public Speaking	2
Mathematics or Physical Science	8	Electives	19
Bible	2	<hr/>	
Electives	4	30	
<hr/>		<hr/>	
34			

III. CURRICULUM IN SOCIAL SUBJECTS

Leading to the Degree of Bachelor of Arts

(1) <i>Language</i>	{ English 1, 2	6	
	{ Foreign language	14	
	{ Public speaking	4	24
<hr/>			
(2) <i>Science</i>	{ Mathematics or physical science	8	
	{ Biological science	6	14
<hr/>			
(3) <i>Social Subjects</i>	{ Economics	6	
	{ History	6	
	{ Sociology	6	
	{ Political Science	6	
	{ Psychology	3	
	{ Philosophy 1, 3	6	
	{ Religion	4	
<hr/>			
{ Education			4 41
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(4) <i>Miscellaneous</i> ..	{ College problems	1	
	{ Physical education	2	
	{ Major	24	
	{ Free elective	24	51
<i>Total requirements for graduation</i>			130

CURRICULUM IN SOCIAL SUBJECTS

<i>Freshman Year</i>		<i>Junior Year</i>	
Foreign Language	8	Psychology	3
History	6	Philosophy	3
Mathematics or Physical Science	8	Ethics	3
English	6	Sociology	6
Public Speaking	2	Religion	4
Bible History	2	Public Speaking	2
College Problems	1	Electives	11
Physical Training	2		32
	35		

<i>Sophomore Year</i>		<i>Senior Year</i>	
Foreign Language	6	American History	6
Political Science	6	Thesis	3
Economics	6	Education	4
Biological Science	6	Electives	17
Electives	15		30
	39		

IV. CURRICULUM IN BUSINESS ADMINISTRATION

<i>Freshman Year</i>		<i>2nd Semester—</i>	
<i>1st Semester—</i>		English	3
English	3	French or Spanish	4
French or Spanish	4	Accounting I	3
Accounting I	3	Geography of Commerce..	3
Psychology	3	Transportation	3
College Problems	1	Physical Education	1
Physical Education	1		17
Theory of Economics	3		
	18		

ADMINISTRATION OF THE CURRICULUM

Sophomore Year

1st Semester—		2nd Semester—	
Business Law	3	Business Law	3
French or Spanish	3	French or Spanish	3
Mathematical Theory of Investment	4	Mathematical Theory of Investment	4
Marketing	3	19th Century History.....	3
Political Science	3	Money and Banking	3
Religious Education	2		
	18		16

Junior Year

1st Semester—		2nd Semester—	
Sociology	3	Ethics	3
Philosophy	3	Practical Economics	3
Statistics	3	Business Statistics	3
Economic History of the United States	3	Approved Electives	5
Religious Education	2		
Corporation Finance	3		
	17		14

Senior Year

1st Semester—		2nd Semester—	
Historical Development of Economic Thought	3	Industrial Problems	3
Argumentation	2	Political Problems	3
Thesis	3	Approved Electives	8
Approved Electives	8		
	16		14

All work submitted in this curriculum will be observed for the proper knowledge of English. Those who are found deficient will be required to use elective hours to make up the deficiency.

COLLEGE OF PUGET SOUND

5. CURRICULUM IN EDUCATION

Leading to the Degree of Bachelor of Arts

(1) <i>Language</i>	{	English 1, 2	6	26
		Foreign language	14	
		Public speaking	6	
			—	
(2) <i>Science</i>	{	Biological or physical science	6	14
		Physiology and hygiene	4	
		Mathematics or science	4	
			—	
(3) <i>Social Subjects</i>	{	History (and political science)	12	31
		Sociology or economics	6	
		Psychology	3	
		Philosophy 1, 3	6	
		Religion	4	
			—	
(4)a <i>Education</i>	{	Principles of Education	3	24
		History of Education	3	
		Secondary Education	3	
		Child Psychology	3	
		School Administration	3	
		Psychology of Education	3	
		Social Principles of Education	3	
		Thesis or Mental Measurements..	3	
			—	
			24	
(4)b <i>Education</i>	{	Practice teaching	6	42
		Observation	3	
		Principles of teaching	3	
		Special Methods	6	
			—	
			18	
(5) <i>Miscellaneous</i>	{	College Problems	1	25
		Physical education	2	
		Free electives	22	
			—	
Total requirement for graduation			138	

Courses of Instruction

1. Courses of instruction in liberal arts are organized under fifteen departments, which are ordered alphabetically as follows: Ancient Languages, Chemistry, Biological Sciences, Economics and Business Administration, Education, English, History and Government, Home Economics, Mathematics and Astronomy, Modern Languages, Philosophy and Social Sciences, Physics, Psychology, Public Speaking, Religion.

2. Courses clearly susceptible to double departmental classification, such as Psychology or Religion or Social Education, are included in only one department, but are acceptable to the department of logical secondary association for major credit on approval of the major professor.

3. In the following courses, the odd numbers indicate courses given the first semester, the even numbers, courses given the second. Courses numbered with hyphen (thus 1-2), are full year courses on which a single semester's credit is not given. Courses numbered with comma (thus 7, 8), are year courses, but a single semester's credit may be received.

COURSES OF INSTRUCTION

DEPARTMENT OF ANCIENT LANGUAGES

The aim of this department is to pursue not only a thoro but an appreciative study of time-honored classics of representative Greek and Latin authors. *Intensive* work in the mastery of forms, vocabulary, and idioms is insisted upon for the sake of the splendid discipline afforded in the acquisition of a highly inflected language; but *extensive* work in rapid reading and sight reading is pursued thruout all the courses. Readings in contemporaneous social and political life are made to supplement and enliven the translation. Both free and literal translation is required, with emphasis placed on *natural* reading.

GREEK

- 1-2. *Elementary Greek*—Thoro drill in fundamentals. Emphasis on rational rather than on merely memoriter methods. Elementary text supplemented with selected readings. 4 credits each semester.
3. *Xenophon: Anabasis*—Translation of Book 1., and selected passages from Books II., III. and IV. Systematic review of forms and syntax. Prerequisites, Greek 1, 2. 4 credits.
4. *New Testament Greek*—Readings from selected books of the New Testament, considered mainly from the linguistic standpoint. 3 credits.

LATIN

- 1-2. *Elementary Latin*—Course designated for college freshmen who have had no Latin in high school and need Latin as prerequisite or auxiliary or supplementary to other studies. Thoro drill in forms, vocabulary and syntax; translation from Caesar and other easy authors; practice, in composition. 4 credits.

COURSES OF INSTRUCTION

- 3, 4. *Cicero: Orations*—Four Orations against Catiline, For the Poet Archias and For the Manilian law. For college students. Prerequisite, Latin I. 4 credits each semester.
- 5, 6. *Vergil: Aeneid*—Six books. For college students. Prerequisite, Latin I. 4 credits each semester..
7. *Livy*—Books I. and II. or XXI. and XXII. Study of contemporaneous Roman life. Sight reading. Attention to grammar only as needed. Prerequisite, three years Latin. 4 credits.
8. *Horace: Odes and Epodes*—Appreciative study of selected poems. Prerequisite, three years Latin. 2 credits.

DEPARTMENT OF BIOLOGY

PROFESSOR JAMES R. SLATER

The work of the department of Biology is organized under three distinct subdivisions. (a) Biology, including those courses having a more or less definite biological aim or content. (b) Botany, including those courses dealing with the morphology, physiology, and development of plants. (c) Zoology, including those courses dealing with the anatomy, morphology, physiology and development of animals.

Facilities are available for adequately carrying out the following courses. The laboratories, equipment and supplies are sufficient for the courses offered.

A great range of living conditions within easy access of the college makes it possible to study many land and sea forms of plant and animal life in their natural habitat.

COLLEGE OF PUGET SOUND

Premedical, preagricultural, and predental students will find the courses offered in biology adequate to meet the requirements of any medical, agricultural or dental college.

BIOLOGY

- 1-2. *General Biology*—This course is devoted to the study of the general laws of life, the fundamental relationships of living things, and those general biological problems which are related to human culture and progress.

Recitations and lectures 2 hours. Laboratory 1 double period.

This course is continuous through the year and can not be entered the second semester. 3 credits.

3. *Nature Study*—This course is designed especially for students in the Normal Department. It gives a general view of the biological field, considering plants and animals as found in the field. The beauties of nature are sought in story, poem and field. Methods of presenting scientific truths to children and powers of observation are given due consideration.

Recitations 1 hour, laboratory and field work 2 double periods.

Required of all Normal students. 3 credits.

4. *Sanitary Science*—An introductory course to the modern problems of sanitation—laws of health, water supply, microbiology, ventilation, food, disposal of sewage, occupational diseases and dangers, etc.

Lectures and recitations 3 hours.

Offered on odd years only. 3 credits.

6. *Mental Hygiene and Eugenics*—A study of the problems of mental physiology, laws of heredity, sex and racial progress. The questions of responsibility for conduct; mental and nervous defects; crime and delinquency, racial betterment, the relative importance of heredity and environment in the development of the individual, are thoroughly considered. This course gives the sociological aspect of Biology.

Lectures and recitations 3 hours.

Offered every even year only. 3 credits.

COURSES OF INSTRUCTION

BOTANY

7. *General Elementary Botany*—The life history of typical seed plants is followed from the dormant seed through germination and the reawakening of vital processes, its establishment in its soil and light relations, maturation, flowering, fruiting and back again to the seed. 3 credits.

8. *The Life Histories of Selected Types of Plants*—A general survey of the plant kingdom is obtained by a study of selected types from its several subdivisions taken in order from lower to higher types. The life histories of the more common plants are followed through their cycles.

Lectures and recitations 2 hours; laboratory 1 double period.

Course 8 is continuous through the year, but students may enter either semester. 3 credits.

10. *Agricultural Botany*—This is a specialized course similar to the above, designed for the students in the Normal Department, but more time is given to the plants of farm and garden. Diseases and insect pests of plants are considered.

Lectures and recitations 2 hours. Laboratory 1 double period.

Required of all Normal students. 3 credits.

11. *Bacteriology*—A general study of microscopic plants causing disease and decay, as well as some beneficial bacteria.

Recitations and lectures 2 hours. Laboratory 1 double period.

Offered every even year. 3 credits.

12. *Plant Physiology*—The physiology of nutrition, growth, reproduction, and the responsive behavior of plant organs to the factors of their environment. The production of food, respiration, transpiration, and other metabolic processes are worked out.

The practice in manipulation incident to performing the experiments required in this course is of special value to those who are preparing to teach botany.

Lectures and recitations 1 hour. Laboratory 2 double periods.

Prerequisite: One course in botany.

Offered even years only. 3 credits.

COLLEGE OF PUGET SOUND

ZOOLOGY

14. *Comparative Anatomy of Vertebrates*—The morphology of vertebrates is given in a study of the more important changes that take place in the several organ systems, in the five classes of vertebrates. This course should be taken by all premedical students and others wishing advanced knowledge of the higher animals.

Prerequisites: Biology 1.

Lectures and recitations 2 hours. Laboratory 1 or 2 double periods.

Offered odd years only. 3 or 4 credits.

15. *Physiology and Hygiene*—A course dealing with the fundamentals of physiological processes, the correlation and interdependence of structure and function as applied to the human body. The principles of hygiene applying to the same is given due emphasis.

This course meets the requirements for those preparing for medical college and Normal students.

Lectures and recitations 2 hours. Laboratory 2 double periods. 4 credits.

CHEMISTRY

PROFESSOR G. F. HENRY

A major in chemistry must include Chemistry 1-2 or 3, 11, 14, 31, 32 and one additional course from courses above 29. Courses 1 to 29 inclusive are open to freshmen and sophomores; those above 29 are open to juniors and seniors. Students registering in Chemistry should plan their work so that they can do their laboratory work at the scheduled time.

COURSES OF INSTRUCTION

- 1-2. *General Inorganic Chemistry*—The fundamental laws and theories of inorganic chemistry are developed, and illustrated by a study of the preparation and properties of the non-metals and their more important compounds during the first semester. The metallurgy, properties and uses of the important metals and their compounds are studied in the second semester. The laboratory work will include elementary qualitative analysis.

Three lectures and 6 hours laboratory per week. 5 credits each semester.

- 3 or 4. *General Inorganic Chemistry*—A general review of inorganic chemistry with special emphasis on the fundamental laws and theories of chemistry. This course is open to students who have completed one year of chemistry in a first grade high school with a grade of 80 or better.

Three lectures and 6 hours laboratory per week. 5 credits.

- 11 or 12. *Qualitative Analysis*—This course includes both basic and acidic analysis and is a continuation of the work begun in chemistry 2 or 3.

One lecture and 9 hours laboratory per week. 4 credits.

14. *Quantitative Analysis*—This course includes both gravimetric and volumetric analysis. Prerequisite; Chemistry 11 or 12.

One lecture and 9 hours laboratory per week. 4 credits.

15. *Organic Chemistry*—An elementary course for students of home economics. Prerequisite: Chemistry 2 or 3. This course will meet the requirements of most medical colleges.

Three lectures and 6 hours laboratory per week. 5 credits.

Offered on odd years.

COLLEGE OF PUGET SOUND

16. *Chemistry of Food and Nutrition*—This course will include a brief survey of the composition of foods and their assimilation by the body, the energy and protein requirements of the body, food habits and dietary standards. The laboratory will include the analysis of various foods and tests for impurities and adulterations.

Three lectures and 6 hours laboratory per week.

Prerequisite: Chemistry 15 or 32.

5 credits.

Offered on odd years.

- 31,32 *Organic Chemistry*—This course includes a study of the hydrogen compounds of carbon and their more important derivatives. The laboratory will include the preparation of typical compounds and will illustrate various methods of organic preparation.

Prerequisite: Chemistry 2 or 3.

Three lectures and 6 hours laboratory per week. 4 credits.

Offered on even years.

33. *Quantitative Analysis*—This course will take up some of the more difficult problems of analysis.

Prerequisite: Chemistry 14.

One lecture and 9 hours laboratory per week. 4 credits.

34. *Water Analysis*—Chemical analysis of water.

Occasional lectures and 6 hours of laboratory per week.

Prerequisite: Chemistry 14.

2 credits.

- 35,36 *Physical Chemistry*—This course will include the kinetic theory of gases, the determination of atomic weights, thermochemistry, equilibrium, the theory of solution, velocity of reaction, catalysis and electrochemistry.

Prerequisite: Chemistry 14, 32 and Physics 4.

Two lectures per week and 3 hours laboratory. 3 credits.

COURSES OF INSTRUCTION

37. *Organic Preparations*—This course includes organic preparations from Gatterman and Fisher.

One quiz and 8 hours laboratory per week. 3 credits.

38. *Organic Analysis*—This course will include the ultimate analysis of organic compounds.

One quiz and 8 hours laboratory per week. 3 credits.

39. *Advanced Inorganic Chemistry*—A systematic study of inorganic chemistry from the standpoint of the periodic law.

Three lectures and quizzes per week.

Prerequisite: Chemistry 14. 3 credits.

40. *Advanced Organic Chemistry*—This course will include a detailed study of special fields of organic chemistry.

Prerequisite: Chemistry 32.

Three lectures or quizzes per week. 3 credits.

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR RALPH L. KELLY

This department offers a well-rounded, four-year course of training for entry into the business world. Students who contemplate preparing for business are warned, however, against undue specialization in the practical courses of this department. The position of the business man in commercial circles today demands that he shall have acquired a broad education in the liberal arts, as well as a thoro training in the principles and practices of business. To that end, students in business are advised to elect courses in the cultural fields of philosophy, literature and religion, in the disciplinary fields of mathematics and the natural sciences, and in the informational fields

*For Schedule of Courses in this Department see page 40.

of history, political science, and sociology. On the other hand, the courses in the department of economics and business are fundamental and essential for students in any department of specialization. They are valuable for the information they give, the mental training they compel, and for the crystallization of thought and attitude which they achieve in molding the student's opinion on matters of public and private interest.

1. *Theoretical Economics*—Introduces the student to the foundational principles of economic theory, as a basis for future study in the field of business organization and administration. Covers the ground of consumption, production, exchange and distribution of wealth, taking up such practical problems as money and banking, international trade, labor problems, transportation, insurance, etc. 3 credits.
2. *Practical Economics*—A general introductory view of the field of business, taking up the basal characteristics and environment of business, forms of business enterprise, financing principles, management, wage systems and employee relations, purchasing, advertising, selling, traffic, credit, etc. The practical informational value of this course should appeal to all students, both men and women. 3 credits.
3. *Geography of Commerce*—A study of the leading industrial and commercial activities of the great nations, with special reference to the United States. The physical conditions which influence the production of raw materials, the development of manufacturers, the laying out of routes of trade, and the location of markets are considered. Emphasis is placed on the production and distribution of the materials entering into the necessities of life, food, clothing and shelter. 3 credits.
4. *Economic History of the United States*—A study of the economic development of this country forms the basis for an effectual comprehension of our national history and

COURSES OF INSTRUCTION

- present national character. This course will cover the territorial expansion of the country, immigration and population increases, the westward movement and its economic and political results, federal land policies, the development of transportation and railway regulation, the development of manufacturing and commerce, the trend of tariff policy, the concentration of capital and formation and regulation of trusts, etc. 3 credits.
5. *Marketing*—A summary study of the problems involved in the distribution of manufactured products, including such topics as, market analysis, marketing organizations and methods, advertising campaigns, price problems, private brands, development of retail merchandising, etc. 3 credits.
 6. *Transportation*—A study of the principles and practical problems of transportation, almost exclusively of the railway systems of this country. The course will include the development of transportation in the United States, the internal administrative and service organizations of the railroads, the principles of railway financing, earnings, expenses and dividends, the practical operation of passenger, freight, express, mail and pullman services, inter-railway relations, problems of state regulation of public service corporations, etc. 3 credits.
 7. *Money and Banking*—The first few weeks will be devoted to a study of monetary theories and standards, and the development of our present monetary system. Then the course will change to one in banking, and will cover the subjects of banking history, the organization and functions of the modern bank, administration, deposits and depositors, the clearing house, foreign and domestic exchange, loans and discounts, routine practices, bank supervision, foreign banking systems and the Federal Reserve System of this country. 3 credits.
 8. *Corporation Finance*—A study of business finance, including the principles of financing, forms of business enterprise with special study of the corporate form, bases of capitalization, promotion, sale of securities, underwriting practices, internal financial management, capital fund investment, working capital calculations, net income determination, dividends and surplus, and the financial involvements of business enterprises. 3 credits.

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- 9, 10. *Mathematics of Investment*—Same as Mathematics 8 and 9. 4 credits.
- 11, 12. *Business Law*—A study of the essentials of commercial law, covering the topics of contracts, agency, partnerships, corporations, personal and real property, bailments, sales, mortgages, leases, suretyship, guaranty, insurance, intestate law. 3 credits each semester.
13. *Industrial Problems*—The aim of this course is to develop in the student an attitude of mind toward the current industrial situation which will be safe and sane, and at the same time open, thoughtful and sympathetic. The study will cover the causes of industrial unrest, organizations of labor and of capital, the philosophy and weapons of the industrial conflict, state regulation of industrial conditions, methods of conciliation and arbitration, and, finally, a study of the recent developments in the industrial field, such as the work of the mediation commissions, the program of British Labor Party, and labor interests in the processes of reconstruction. 3 credits.
14. *Historical Development of Economic Theory*—An advanced course in economic theory for seniors who have specialized in business administration. Lectures, assigned readings, reports and discussions on the writing of the leading economists. The general divisions of the course will be (a) economic ideas of antiquity, (b) of mediaeval times; (c) the mercantilist and (d) physiocratic systems; (e) precursors of Adam Smith; (f) the English classical school; (g) the German historical school; (h) the Austrian school; (i) contemporary economists. 3 credits.
- 19, 20. *Accounting, I.*—A study of the foundation principles and technique of accountancy. Theories of debit and credit. Classification of accounts. Underlying principles of the various accounting records. Simpler problems of the balance sheet and income statement. Controlling accounts. Handling of purchases and sales. Consignments. Inventories and stock records. Related topics. Continual practice in the actual construction of accounts will be the method followed, supplemented by lectures and and discussions of the principles of accountancy. 3 credits each semester.

COURSES OF INSTRUCTION

21. *Statistics*.—A course in statistical methods, including methodology analysis, collection, and assembly of statistical data. Emphasis is given to a clear statement of the problem; to the meaning, collection, and assembling of data; the use of units of measurements; and the several methods of presenting the data in final form. 3 credits.
22. *Business Statistics*.—Statistical methods are to be regarded as means rather than as ends. One of these is the direction of method to business. This course teaches the student to apply to all the departments of business the methods already mentioned. Business surveys, sales, production, financial, and advertising are some of the departments stressed. 3 credits.

DEPARTMENT OF EDUCATION

PROFESSOR FREDERIK L. GJESDAHL

DEAN A. B. CUNNINGHAM

This department offers a four year College course, leading to the degree of Bachelor of Arts, with a major in Education. This course is designed to meet the increasing demand of school boards and school superintendents for teachers holding college diplomas, and to give an opportunity for teachers in the grades, or other persons, to prepare themselves for teaching in the high schools and for other advanced positions in school work, such as principalships and superintendences. The course is especially fitting for anyone who expects to do advanced educational work in any field or for acquiring a broader culture and better professional attainments.

CERTIFICATION

The Department of Education of the College of Puget Sound is accredited by the Washington State Board of Education.

The State law requires that twelve semester hours of professional study in an accredited institution be required of college graduates to receive teacher's certificate on the basis of collegiate study. In application of this law six groups of subjects in Education have been made by the Superintendent of Public Instruction with the ruling that the twelve credits must be divided among four groups and that no less than three credits may be accepted from any one group.

The six groups are as follows:

GROUP 1.—*Science of Education*—

Science of Education
Philosophy of Education
Principles of Education
Educational Psychology
Theory and Art of Teaching

GROUP 2.—*History of Education*—

General History of Education
History of Education in the United States
History of Special Phases or Periods including
Educational Classics
Rural Schools, Industrial Schools
Secondary Schools
Elementary Schools
Kindergartens

GROUP 3.—*Childhood and Adolescence*—

General Course in Child Study
Genetic Psychology
Adolescence

COURSES OF INSTRUCTION

GROUP 4.—*School Administration*—

- Organization
- Supervision
- Secondary Education
- Administration
- Management
- Elementary Education
- Kindergarten

GROUP 5.—*Methods*—

- General Methods
- Observation and Practice Teaching under competent supervision
- Cadet Teaching under competent supervision

GROUP 6.—*Educational Sociology*—

- Social Foundations of Education
- Social Foundations of the School System
- Social Aspects of Education
- Social Principles of Education
- Educational Sociology
- The School and Society
- Social Education

In lieu of part or all of the required twelve credits as specified, applicants for a certificate may be examined in four of the six groups.

Unless the prospective teacher prefers to take the State examination covering the required professional training and thus be able to devote all of his electives to other subjects, he is advised to consult the head of the Department of Education and arrange to include the twelve hours of acceptable professional study in his electives.

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COURSES OF STUDY

1. *Principles of Education*—A study of the biological, sociological and pedagogical aspects underlying present educational theory and practice. 3 credits. First Semester.
2. *History of Education*—A study of the aim, organization, material and method of education in their course of development, for the purpose of understanding the meaning of significance of present tendencies in educational progress. 3 credits. Second semester.
3. *Secondary Education*—A study of the theory and technique of High School teaching; including the selection, organization and presentation of the materials of instruction; the school population; and a comparison of the Secondary School in America with the Secondary School in European countries. 3 credits. First semester in Junior and Senior years.
4. *Child Psychology*—See Department of Psychology.
5. *School Administration*—A technical consideration of the organization, administration and supervision of instruction. Designed primarily for those who expect to become principals or supervisors. 3 credits. First Semester. Given every even year.
6. *Psychology of Education*—See Department of Psychology.
7. *Social Education*—The school as a social factor in its relation to the home, the church, and the state; the relation of education to child labor, vocation and crime; the school as a community center; the social composition of the student and teaching population; educational extension. 3 credits. First semester, in junior and senior years. Given every odd year.
8. *Mental Measurements*—A study of the different tests used in measuring intelligence, including the Binet-Simon, Terman, Yerkes and the Army tests in actual situations are provided for. 3 credits. Second semester in junior and senior year. Given every odd year.

COURSES OF INSTRUCTION

DEPARTMENT OF ENGLISH PROFESSOR WILLIAM CHISLETT, JR.

The aim of the following courses in English is two-fold: To instill in the mind of the student the love of good literature, and to teach him how to express his own thoughts in clear, concise language.

- 1,2. *Rhetoric*—Short daily themes. Five long themes on present day problems. Talks by members of class on practical subjects. Personal criticism. 3 credits each semester.
4. *Comparative Literature*—With especial reference to the classical influence in English Literature. Primarily for upper-classmen. 2 credits, second semester.
- 5,6. *The History of English Literature*.—A somewhat detailed survey of English Literature from the earliest times to the present day. Lectures and readings. 3 credits each semester.
7. *Creative Writing*.—Practice in verse-writing, in the short story, or in the play, according to the interests of those electing the course. Two credits, first semester.
8. *Journalism*—With a modern text book as a basis, this course seeks to familiarize the student with the actual work of reporting. Experience in gathering, writing, and reporting news will be required. 3 credits.
9. *Literary Study of the Bible*—The Bible will be taken up and studied as a literary product. The quality of its narrative, the adaptation of style to purpose, the strength of realism, will be observed. An effort is also made to estimate the effect of the Bible on the English language. 2 credits.
- 15,16 *The History of American Literature*—From Colonial times to the present. 2 credits each semester.
17. *The Modern Drama*—The work of Wilde, Ibsen, and their successors. 3 credits first semester.
18. *The Short Story*—A study of representative and striking short stories is made, special emphasis being placed on plot and development. A text is used in which the elements of short story writing are detailed. The class is required to produce and criticize original stories during the progress of the course. 3 credits.

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DEPARTMENT OF HISTORY AND GOVERNMENT

PROFESSOR WALTER S. DAVIS

I. HISTORY

- 1,2. *Modern European History*—A general course from 1500 A. D. to the present. Beginning with a review of the chief events of Ancient and Medieval times, a detailed study is made of the chief events, forces, and men of modern Europe. 3 credits, each semester.
- 3,4. *American History*—A study of the Civil War and Reconstruction periods from 1860 to 1877. The course will begin with a study of the life of President Lincoln and of the causes of the Civil War. Comparison with the World War. 3 credits. Each semester. For Juniors and Seniors.
- 5,6. *American History*—A study of the history of the United States from 1877 to the present. The work of the first semester will deal with the closing years of the 19th century, the work of the second semester with the 20th century. 3 credits.
- 7,8. *The Great World War*—During the first semester a study will be made of the causes, the events and crises leading to the War. The text for the first semester will be Holt and Chilton's *European History, 1862-1914*. During the second semester a study will be made of the Great War proper and of the period of Peace and Re-construction following the War. The text for the second Semester will be Hayes' "Brief History of the Great War." 2 credits, each semester.

II. GOVERNMENT AND AMERICAN CITIZENSHIP

Of the five great institutions of human society, the Family, the State, the Church, the School and Industry, Government or Political Science deals with the State. The period of the Great War has em-

COURSES OF INSTRUCTION

phasized the need of a deeper patriotism and a wider knowledge of our American institutions and government on the part of the American people. There is a nation-wide demand for Americanization work among those of our fellow citizens of foreign birth and lineage. Below is outlined three years of work in this Department.

The work of the department of Government is intended to give students both a theoretical and practical knowledge of the various forms of American government, township, county, municipal, state, and national, together with comparative national and international government.

1. (a) *History of the Constitution of the United States*—An intensive study of the period 1781-89, the period of the Articles of Confederation and of the framing and ratifying of the Constitution. Text: Fiske's "Critical Period of American History," and Madison's "Journal of the Philadelphia Convention." First half of first semester. 3 credits.
(b) *American National Government*—A study of the Presidency, Congress, and the Federal Judiciary. Special emphasis is laid upon the work of the U. S. Government in relation to Business, to Social Legislation, and to Service to the people. Text: Young's "The New American Government." Second half of first semester.
2. *American State and Local Government*—A general study of the government of American states, countries and townships with special study of the state of Washington, its constitution and the practical operation. Special attention will be given to the work and legislative methods of the 1923 Legislature. Texts: Young's "New American Government," Meany's "History of the State of Washington," Downey's "History of the State of Washington"—The Constitution and Civil Administrative Code. Second semester. 3 credits.

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3. *Questions of the Day and Problems of Government*—The Direct Primary; Initiative, Referendum, and Recall; the Short Ballot, the Universal Legislature, Proportional Representations; Budget making, Public Utilities; Labor and Labor Conditions. Social Legislation; The Merit System; Colonial Government and our International Relations. Texts: Haines, "Principles and Problems of Government" and the Current Magazines and newspapers. First semester. 2 credits.
4. *Questions of the Day*—A study of Problems of City Government. Text: Zumbin's "Municipal Progress." Second semester. 2 credits. *Questions*
5. *Comparative National Government*—A comparison of the legislative, executive and judicial branches, constitutions, political parties and practical workings of the governments of leading European nations with those of the United States. In the first part of the course special emphasis is laid on a study of the Presidency, Congress, and the Federal Judiciary of the United States. 3 credits. Given in 1923-4. First semester.
6. *International Law and History of American Diplomacy*—A study of the covenants of nations, of the sanctions of international law, and of the tendencies to international agreements in matters affecting the well being of the world. 3 credits. Given in 1923-4. Second semester.

DEPARTMENT OF HOME ECONOMICS

ASSOCIATE PROFESSOR OLIVE A. BALCKE

The following schedule of courses will serve to indicate the preferable selection of work for students in the Department.

Students in the Department of Home Economics are advised to elect English Literature, Public Speaking, French, History, Education, and further courses in Home Economics and Science.

COURSES OF INSTRUCTION

Suggested Curriculum in Home Economics:

<i>Freshman Year</i>		<i>Sophomore Year</i>	
English	6	Foreign Language	6
Foreign Language	8	Chemistry (Organic)	10
Chemistry	8	Psychology	3
Biological Science	6	Economics	3
Religion	2	Electives	12
Public Speaking	2		—
College Problems	1		34
Physical Training	2		
	—		
	35		

Junior Year

<i>First Semester</i>		<i>Second Semester</i>	
Elementary Foods	3	Food selection and pre- paration	3
Clothing & Textiles	3	Clothing & Textiles	3
Normal Art (Principles of Design)	2	Applied Art	2
History	3	History	3
Philosophy	3	Philosophy	3
Education (or elective) ..	3	Education (or elective)	3
	—		—
	17		17

Senior Year

<i>First Semester</i>		<i>Second Semester</i>	
Special Food Problems	3	Dietetics	4
Dressmaking	3	Dressmaking	3
Electives	9	Electives	8
	—		—
	15		15

1. *Foods (Elementary)*—Composition, nutritive value, and place in diet of food-materials. Principles and technique of cookery processes. Prerequisite or parallel, general chemistry. One lecture and two laboratories per week. Fee \$4.50. Three credits. (Students having had one year of High School cooking may omit this course.)

COLLEGE OF PUGET SOUND

2. *Food Selection and Preparation*—Marketing, costs, tests and legislation. Menu planning, preparation and serving of meals for the family group. Prerequisite H. E. 1. One lecture and two laboratories per week. Fee \$4.50. Three credits. (Students having had two years of High School cooking may omit this course.)
3. *Special Food Problems*—Food preservation, conservation and economy. Quantity cookery for special groups—school lunches, catering, study of local institutions. Prerequisites H. E. 1 and 2, or two years High School cooking. One lecture and two laboratories per week. Fee \$4.50. Three credits.
4. *Dietetics*—Study of human metabolism in health and disease. Infant feeding, special dietaries, invalid cookery. Prerequisite, Organic Chemistry, physiology and bacteriology. Two lectures and one laboratory per week. Fee \$3.00. Three credits.
- 5,6. *Clothing and Textiles*—Principles of hand and machine sewing. Study of factory-made garments. Examination of textile fibers and materials used. Construction of simple garments. Design, suitability and hygiene of clothing and household textiles. One lecture and two laboratories per week. Fee \$2.00. Three credits each semester. (Students having had one year of sewing in High School may omit sewing laboratory. (2 credits.)
- 7,8. *Dressmaking*—Costume design, modification of commercial patterns, free-hand pattern cutting and dropping. Drafting of one simple pattern. Prerequisites, design, H. E. 5 and 6, or two years of sewing in High School. Renovation, dyeing and remodeling of clothing. Laundry, removal of stains and care of clothing and textiles. Shopping, budgets, etc. One lecture and two laboratories per week. Fee \$2.00 per semester. Three credits per semester. (Students having had two years of sewing in High School may omit H. E. VII.)
9. *Applied Design*.—Principles of design and color applied to costume design and interior decoration. Original designs will be worked out in embroidery, basketry, painted wood, etc. Two laboratories per week. Fee \$2.00. Two credits.

COURSES OF INSTRUCTION

10. *House-Planning and Interior Decorating*—Prerequisite, S. and E. 9. Appreciation of Art and Architecture. Critical study of modern domestic architecture with special emphasis on homes for moderate incomes. Laboratory practice in planning homes adapted to special conditions, as, type of family, location, climate, materials available and cost. Detailed plans will be made for an original home for a type family at a given cost. A portfolio will be made from drawings and material collected from magazines. Required for all Home Economics Majors. Elective to all students and outsiders. One lecture and two laboratories per week. Fee \$1.00. Given every odd year. Three credits.
11. *Home Furnishing*—Continuation of course in Home Planning. The aim of the course is to develop a finer appreciation in decoration and furnishing the home supported by a moderate income. Harmony and unity as related to interior decoration and in selection of rugs, hangings, furniture and pictures, from the subject matter for the course. An actual room will be furnished by the handiwork of the class at a minimum cost. A program for furnishing the home planned in the preceding course will be made with reference to a given cost. A portfolio of sketches and pictures of interiors, samples, etc., will be made. One lecture and two laboratories per week. Fee \$2.00. Given every even year. Three credits.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

PROFESSOR FRANCIS W. HANAWALT

MATHEMATICS

The following courses are framed with two objects in view: The one, to present Mathematics as a culture branch in extending the field of general knowledge; the other to prepare for technical courses in Physics, Astronomy, Engineering, etc. To express thought clearly in symbolical language or in geom-

etrical form, or vice versa, will be our constant endeavor. The practical application of principles will not be neglected.

Those preparing* to teach secondary mathematics will need as a minimum, courses 1, 3-4, 5, 6.

1. *Solid Geometry*—The ordinary course given in Geometry of three dimensions, including the sphere. This course is necessary in order to pursue Courses 3 and 4 to advantage. College credit will be given to those not needing it for college entrance, but it is not to be substituted for any of the required mathematics. Prerequisite, Plane Geometry and Elementary Algebra. Four hours. First or second semester.
- 3-4. *Introduction to Mathematical Analysis*—The objective in this course is a basis for a conception of the subject matter and possibilities of modern mathematics. The older subjects of trigonometry and college algebra are correlated with analysis including the beginnings of analytics and calculus. Graphs and the function idea are used from the first, attention is given to the applications necessary for engineering, astronomy, physics, etc. Some laboratory work will be given. Freshman prescription required in the science curriculum, (see 9-10). Prerequisites, three semesters of Algebra, two semesters of Geometry. A continuous course for the year. Four credits each semester. Offered each year.
- 5, 6. *Analytic Geometry and Calculus*—In essence this is a year course in mathematical analysis, the subjects being correlated. Both Cartesian and polar coordinates are used in presenting the ordinary material covering the line and conic sections. The derivative is used in connection with tangents, the general equation of the second degree and some higher degree curves will be analyzed. Fuller treatment of maxima and minima than in courses 3 and 4 will be employed. The early introduction of the integral calculus is a feature. The needs of those contemplating engineering courses will be kept in mind. For sophomores in Science. Prerequisite, Mathematics 3, 4. Four credits each semester.

COURSES OF INSTRUCTION

7. *Surveying*—This course includes both recitation and field work; theory of U. S. land surveying; general work with chain, steel tape and transit; leveling grades for streets, sewers, etc; establishing north and south line from stars; keeping field notes; computation; a course in line with engineering work. Prerequisite, Mathematics 1, 3, 4. Four credits.
8. *Theory of Equations*—A study of the properties of the general equation with graphical methods. Sturm's method of location, Horner's method of approximation, general solution of cubic and biquadratic. Prerequisite, Mathematics 3, 4. Three credits.
- 9-10. *Mathematical Theory of Investment and Algebra*—Elementary algebra will be reviewed. Quadratics, graphical representation, binomial theorem, progressions, combinations, probabilities, logarithms, series will be studied as preliminary to the work in investments. In this subject will be given the underlying principles of compound interest, annuities, amortization, bonds, sinking funds, depreciation, building and loan associations, some problems in life insurance. The course is adapted to present day needs of students in commerce and public affairs. Elective for freshmen in Language and Social Subjects, optional with courses 3 and 4. Required in Business Administration Curriculum. Prerequisite, elementary algebra and geometry. A continuous course for the year. Four credits each semester. Offered each year.
11. *Engineering Drawing*—Use of instruments, freehand lettering, tracing. Two three-hour laboratory periods. Two credits.
12. *Engineering Drawing and Descriptive Geometry*—Practical problems, principle of projection, perspective shades and shadows. Two recitation and two three-hour laboratory periods. Prerequisite, courses 1, 11. Four credits.
14. *Navigation*—Four credits. Prerequisites, Mathematics 1, 3, 4, and Astronomy.

(Note:—Other elective courses may be arranged with proper prerequisites as History of Mathematics, Projective Geometry, or other desirable courses.)

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ASTRONOMY

Astronomy is one of the branches of applied mathematics. A clear idea of spherical geometry is needed even in an elementary course, and spherical trigonometry is needed more and more as one advances. In astronomical mythology, biography and history a wealth of material is found to make this science very interesting.

2. *Descriptive Astronomy*—An elementary course whose purpose is to give the student a conception of the solar system and stellar heavens; attention will be given to the constellations and current celestial phenomena; observation with the 4½-inch equatorial telescope. Prerequisite, Elementary Algebra, Geometry and Physics. Three or four credits.
- 3,4. *General Astronomy*—Practical observations with the naked eye and equatorial telescope (Alvan G. Clark's Sons), star charting, tracing courses of planets, use of nautical almanac, calculation of suitable problems introductory to Practical Astronomy; supplementary laboratory work in connection with Young's Manual of Astronomy. Prerequisite, Mathematics 3, 4 and Elementary Physics. A continuous course for the year. Three credits each semester.
6. *History of Astronomy*—Two or three credits, second semester. Prerequisite, Astronomy 2 or 3 and 4.

DEPARTMENT OF MODERN LANGUAGES

PROFESSOR ANNA H. CRAPSER

PROFESSOR CHARLES A. ROBBINS

The elementary and intermediate courses are intended to give a practical and accurate knowledge of the elements of grammar, composition, and reading of ordinary difficulty. The advanced courses aim at

COURSES OF INSTRUCTION

a more thorough knowledge of the language and literature as a medium of communication and as a treasure house of scientific, theological and literary material. Stress is laid upon the acquisition of a correct pronunciation. The department offers majors in language study; however, a student majoring in a single language would do well to elect some work in the other languages of the department.

FRENCH

- 1-2. *Elementary French*—Especial attention is given to phonetics and accurate pronunciation, and to drill in grammar as a solid foundation for further work. Practice in dictation, sight reading, memory drill, composition, conversation and enough reading of easy texts to equip the student to read French for pleasure. Throughout the year. Three credits.
- 3,4. *Intermediate French*—Advanced composition and grammar, idioms and irregular verbs. Reading of modern French prose, plays, and poetry. Conversation based on texts read, and themes in French required. Collateral reading selected from French short stories. Throughout the year. Three credits.
- 5,6. *History of French Literature*—Text, and readings from representative works of different periods. Technical French for students desiring such for research work. Anthology of prose and poetry. Prerequisite, French 3-4. Throughout the year. Three credits.
- 7,8. *Social Teachings of French Literature*—Selections from Victor Hugo's "Notre Dame de Paris" *re* dogmas; "Travailleurs de Mer" *re* things; "Les Miserables" *re* law.

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Collateral reading to discover need for reform in social conditions; in justice; in armies; in class and sex conditions; the working classes and the condition of the French girl and woman, from such writers as de Vigny, France, Brioux, Balzac, Renan, Tinayre, Audoux, Sand, Bazin, Barres, etc. Throughout the year. (Not given in 1920-21.) Three credits.

GERMAN

- 1-2. *Elementary German*—Grammar, stage pronunciation, composition, and easy graded reading. Throughout the year. Four credits.
- 3,4. *Intermediate German*—Selections from classical and modern literature, advanced grammar and composition. Reading from scientific literature will be given any desiring it. Throughout the year. Three credits.
- 5,6. *History of German Literature*—Advanced reading from prose and poetry of different periods. Throughout the year. Two credits.

SPANISH

- 1-2. *Elementary Spanish*—The essentials of Spanish grammar. Careful drill in pronunciation, reading, conversation and writing. Throughout the year. Four credits.
- 3,4. *Advanced Spanish*—Reading from various authors, advanced grammar and composition. Conversation and themes in Spanish. Throughout the year. Three credits.
- 5,6. *Commercial Spanish*—A business vocabulary and a knowledge of business forms is acquired. Letter writing, reading of magazines, and periodicals, and the study of trade relations with Spanish speaking countries. Three credits.

COURSES OF INSTRUCTION

DEPARTMENT OF NORMAL TRAINING

PROFESSOR FREDERIK L. GJESDAHL

Head of the Department

MRS. HERBERT COCHRAN

Instructor in Normal Art

PROFESSOR CLAYTON JOHNSON

Instructor in Normal Music

This department provides a two years Normal Training Course designed to meet the needs of those students who are preparing to teach in the grades. This course leads to a Normal School Elementary Diploma. Students who are awarded this diploma from the college receive from the State Board of Education a First Grade Elementary School Certificate. The course is very similar to the two years course of our State Normal Schools.

The Normal Course is very closely related to the regular baccalaureate courses of the College. The major quota of strictly Normal Training subjects is supplemented with pertinent subjects from the other departments, thus effecting a happy combination of practical preparation for teaching and closely correlated liberal arts courses. Also the prospective teacher can secure her preparation in the broadening and stimulating environment of college life. The literary and social activities of the College are open to the students of this department.

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Admission to the Normal Training Course as outlined below is based upon graduation from an accredited High School or its equivalent.

OUTLINE OF COURSE

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Psychology	3	History of Education	3
Principles of Teaching	3	Observation	3
Nature Study	3	Agricultural Botany	3
Normal Art	2	Normal Art	2
Methods in Language*	2	Methods in History*	2
English	3	English	3
History (or elective)	3	History (or elective)	3
	19		19

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Practice Teaching	3	Practice Teaching	3
Normal Art	2	Normal Art	2
Normal Music	2	Normal Music	2
Methods in Geography* ..	2	Methods in Arithmetic* ..	2
Physiology and Hygiene ..	4	Child Study	3
Oral Expression	3	Oral Expression	3
Sociology (or elective)	3	Sociology (or elective)	3
	19	Calisthenics	1
			19

N. B.—*Courses in special methods are differentiated for primary, intermediate and grammar grades. Also the choice of one of these divisions for specialization will determine the grades for observation and practice teaching courses.

COURSES OF INSTRUCTION

TRAINING SCHOOL

The training school is an important part of the Normal Training Department. There the teacher-in-training is given the opportunity of gaining practical experience in solving various problems which will confront her when she takes charge of a school-room.

It is obvious that the nearer the training school can approach the *actual conditions of the public school*, the better it will serve the purpose of preparing student-teachers for their work. Practice teaching is done under these conditions. The value to the student of thus securing a complete plant for its training work is very great; but the value of being able to offer them facilities for observation and practice teaching *under real public school conditions* cannot be over estimated. There are no special, selected classes of pupils and no artificial environment of any sort. The teacher-in-training meets the same conditions that she will face when she takes up her work after graduation.

In their training school work the students first observe the work of skilled teachers, and then are placed in charge of a class and held responsible for the discipline and instruction under special supervision. Criticisms and methods are offered which are suggestive and helpful. Students in their courses will be given the opportunity of teaching their respective specialties.

COLLEGE OF PUGET SOUND

TEACHERS' APPOINTMENT COMMITTEE

Thoroly trained teachers are in demand in all the best schools of Washington. Many Boards of Education will employ no others. There is a rapidly increasing demand upon the Normal Schools for such teachers. To meet this demand more effectively the College of Puget Sound maintain a Teacher's Appointment Committee, whose purposes are to assist its students and alumni in selecting efficient teachers. Great care is taken to recommend for any position only such candidates as are considered entirely competent and well suited for the particular work. This committee cannot bind itself to procure positions, still it is ready to do everything possible to see that students are located where they can be of best service. Address all correspondence to the Teachers Appointment Committee, College of Puget Sound.

COURSES OF INSTRUCTION

1. *Principles of Teaching*—This course deals with the practical problems and methods of organization, gradation, recitation and management of the school, including the course of study and in School code of the State of Washington. 3 credits. First semester.
2. *History of Education*—A study of educational theory and practice in their course of development for the purpose of understanding the meaning and significance of present tendencies in educational progress. 3 credits. Second semester.

COURSES OF INSTRUCTION

3. *Practice Teaching in Elementary Grades*—Experience in class instructions under actual school conditions, directed by an experienced supervisor. Teaching schedule arranged by head of the Department and principal of Training School. Prerequisites — Education 1 and 2. 6 credits. First and second semester of sophomore year.
4. *Observation*—Systematic visits of inspection to city and rural schools; reports on assigned readings and discussion of data gathered in observation. 3 credits in second semester of freshman year.
- 5, 6, 7, 8. *Methods in Language, History, Geography and Arithmetic*—The course presents the most approved modern methods of presenting these subjects in the elementary school. Methods are differentiated for the primary, intermediate and grammar grades. One subject each semester is presented in the order named. 2 credits each semester.
10. *Calisthenics*—Breathing, posture, carriage and exercise for the sake of health and grace. Drills and exercises and suitable musical accompaniments for use in the schoolroom and gymnasium. 1 credit. Second semester.
- 11, 12. *Normal Music*—A course designed to prepare prospective teachers for giving instruction in singing in the public schools. 2 credits each semester.
- 13, 14, 15, 16. *Normal Art*—The aim of this course is to prepare students for teaching art in the elementary grades. During the first year (courses 13, 14) work in the following crafts is taken up: Weaving, paper cutting, paper construction, knotting, clay modeling, interior decoration, the making of a doll-house and furniture, stitchery, costume design, paper dolls, simple designs, stick printing, object drawing and perspective, nature drawing and painting and work for special days.
The second year (courses 15, 16) is devoted to a study of design. The principles of design and color are taught. Designs are worked out in charcoal and water colors, and are adapted to definite problems suitable for the upper grades, such as stenciling, block printing, painting wood, tooled leather, needle work, posters, etc. Some time is also given to simple basketry.
Four hours laboratory per week. 2 credits each semester.

DEPARTMENT OF PHILOSOPHY AND
SOCIOLOGY

PROFESSOR GEORGIA RENEAU

PHILOSOPHY

Philosophy is an attempt to present or conceive a systematic view of the universe. Such an inquiry may be divided into a few ultimate problems. Metaphysics, or the examination of reality, gives rise to two questions, Ontology and Cosmolgoy. The Ontological problem presents the question: What is reality? The Cosmological problem asks: What conception shall we form of the connection among all things? The Epistemological problem presents two questions: What is knowledge? What is the origin of knowledge? Ethics deals with problems of conduct. Aesthetics is the science of the beautiful, especially as this is worked out in the fine arts.

The purpose of the courses outlined below is to give the student a broad, general view of the great movement in Philosophy from the time of its origin among the Greeks up to the present day; to give him a sense of familiarity with the various Philosophical problems and to connect these up, as nearly as may be, with his practical life.

1. *History of Philosophy*—In this course the growth of man's power to formulate the universe is traced through Greek Philosophy, the Middle Ages and Modern Philosophy. A textbook and an outline are used for class work and the student is required to read 500 pages of Philosophy as additional outside work. Three credits. First semester.

COURSES OF INSTRUCTION

2. *Introductory Logic*—The course includes a brief historical survey of the development of formal logic, a study of both deductive and inductive reasoning, and a philosophy of knowledge. A textbook is used and supplementary reading required. 3 credits. Second semester.
3. *Ethics*—Class work includes a historical survey of the rise of interest in problems of conduct, a discussion of different types of theoretical interpretation, and the consideration of typical social and economic problems of the present day. Weekly reports on outside reading are required. Prerequisite, Philosophy 1. Three credits. Second semester.
4. *Aesthetics*—This is a philosophic study of the principles of good taste in general, and in particular as applied to Architecture, Sculpture, Painting, Poetry, Music. Each student is required to make a careful study of some phase of one of the fine arts and to present his findings to the class, in lecture form. Three or four credits. First semester.
5. *Paulsen and Bergson*—The work is based on Paulsen's "Introduction to Philosophy" and Bergson's "Creative Evolution." This is a course for advanced students. Prerequisite, Philosophy 1. Three credits. First semester.
6. *Advanced Ethics*—In this course is given a detailed study of Egoism, Utilitarianism, Intuitionism. Prerequisite, Philosophy 1, 3. Three credits. Second semester.

SOCIOLOGY

The aim of the work in Sociology is to give the student a comprehensive view of human society.

Such courses have been selected as are calculated to meet the needs of those intending to enter the professions of the ministry, law, teaching, and especially social service, as a life work, or journalism, and to develop in the student the power to use critically and constructively the historical method.

COLLEGE OF PUGET SOUND

The city of Tacoma offers many opportunities for personal observation and experiment in its churches, organized charities, hospitals, orphanages, trades unions and city clubs.

1. *General Sociology*—Nature of sociology; geographic, technic, psychological and social causes affecting the life of society; social evolution; social control; the shaping of the individual by society; the shaping of society by natural causes; the modification of society by cooperative endeavor; education the chief factor in social progress. Three credits.
2. *Modern Social Problems*—A study of present day social conditions and problems, chiefly American, such as population, immigration, the city, the war, poverty, crime, Socialism, education, and the family. Three credits.
3. *Applied Philanthropy*—A study of the dependent defective and delinquent classes; charities and corrective agencies, including a study of institutions of the State of Washington for the care of the unfortunate; the jails, reformatories, the penitentiary, state hospitals, schools for the blind and deaf, the custodial schools, training schools, county homes, woman's reformatory, and Soldiers' Home. Three credits.
4. *Human Engineering and Social Betterment Movements*—A study of the problems of Child Welfare, Organized Charity, Community Service, Social and Governmental activity for Social Welfare, Social Settlements and Better Housing. Work in the Tacoma Settlement House for students planning social service as a life work. Three credits.
5. *Social Legislation*—An examination of some of the laws of Washington, the United States, Great Britain and other countries relating to social welfare. Examples are laws pertaining to Child Welfare, minimum wages, eight hour laws, workingmen's insurance, old age, health and accident, the divorce problem, public morals. Three credits.

COURSES OF INSTRUCTION

DEPARTMENT OF PHYSICS AND GEOLOGY

PROFESSOR RANSOM HARVEY

PHYSICS

This science underlies many of the other sciences and is essential to proper living in our modern civilization. Everyone must learn some of the laws of physics, in or out of school, in order not to be destroyed by the forces of nature. A systematic and complete knowledge of this subject can be used in many ways daily and one realizes the meaning of "knowledge is power" when he can make the forces of nature obey him by understanding her laws. All students who are headed toward general scientific work or engineering will find such a course indispensable to them.

- 1,2. *General Physics*—The course includes mechanics, hydraulics, light, sound, heat and electricity. This is a non-mathematical course with simple problems to illustrate principles but requiring only a knowledge of arithmetic and elementary algebra to pursue. Many practical devices will be explained and the practical side of the subject emphasized. It is a good course for those who want a general knowledge of the workings of telephone, telegraph, electric light, transformer, heating systems, engines, and the mechanics of music. Primarily for freshmen. Four credits each semester.
3. *Mechanics and Heat*—An advanced course in these subjects designed for those contemplating engineering or for those pursuing the Curriculum in Science. The course is more mathematical than 1 and 2. Prerequisite, Physics 1, 2, or high school Physics and Trigonometry. Lectures and recitations, three times per week; laboratory, two three-hour periods. Five credits.

COLLEGE OF PUGET SOUND

4. *Electricity, Light and Sound*—In the lecture work the main facts and principles of these subjects will be explained and formulas developed and problems illustrating the relations will be required. In laboratory interesting and valuable experiments in electricity, light and sound will be worked out by the students. Accuracy of results is emphasized and the power of drawing accurate conclusions from observed data is developed. The student becomes familiar with the methods of handling delicate modern apparatus and avoiding all possible sources of error. Five credits.
5. *Light*—An advanced course in this subject consisting of lectures and reference work. The principles and mathematical relations of the phenomena of light are given careful consideration. The topics included are reflection, refraction, mirrors, lenses, dispersion, diffraction, polarization and color. Text: Edser's "Light." Two periods per week. Two credits.
6. *Electron Theory and Radioactivity*—A lecture course in the modern theory of matter and energy. Reference work, J. J. Thompson's "Corpuscular Theory of Matter." Prerequisite, Physics 3, 4 and Calculus. Two periods per week. Two credits.
8. *Electrical Machinery*—Advanced course in applied electricity and alternating current. The structure, operation and use of modern electrical machines will be studied supplemented by visits to power plants in the vicinity. Some of the devices to be investigated are generators, motors, transformers, switchboards, telephones, telegraph, wireless telegraph, and wireless telephones. Three lectures per week. Prerequisite, Physics 3, 4. Three credits, no laboratory fee.

GEOLOGY

A knowledge of this subject is essential in interpreting the forms of nature that we see about us on every hand. The study of this subject enables us to open the book of nature and read the history written in every river, rock and mountain. Not only does it tell us what has happened on the earth in the past

COURSES OF INSTRUCTION

but enables one to explain the changes and phenomena now taking place about him. It is a good course from a cultural as well as scientific standpoint, and might well be taken by any advanced student.

1. *Structural and Dynamic Geology*—This course treats of the present earth forms and the forces and processes which have produced the topography of the earth. Some topics are minerals and rocks and their classification, earthquakes, volcanoes, erosion, mountain folding, formations of valley and plain, coast lines and mineral deposits. Text: Chamberlain and Salisbury. Prerequisite, Chemistry 1, 2. Additional laboratory and field work of two hours per week with one additional credit is optional. First Semester. Three or four credits.
2. *Historical Geology*—Rocks will be studied in relation to their period of formation and the method by which they were laid down. The history of the planet will be traced in the record of the fossils of animals and plants. Geological folios and topographical maps will be studied and trips taken to points of special interest. Prerequisite, Chemistry 1, 2. Second Semester. Three or four credits.

DEPARTMENT OF PSYCHOLOGY

DEAN CUNNINGHAM

PROFESSOR FREDERIK L. GJESDAHL

1. *General Psychology*—An introductory course, designed to acquaint the student with psychological terminology and method. Stress is placed on the physiological aspects of mental reactions through a study of the nervous system. Perception, imagination, attention, memory, association, judgment, reasoning, and various expressions of the affective consciousness, are among the processes investigated. Three credits. Given every odd year.
2. *Social Psychology*—The course takes up a systematic study of the psychical processes resulting from human association. A general examination of group psychosis, including the mind of the mob, crowd action, suggestion, contagion, imitation, social morality, fads, fashions, crazes, and other phenomena of social origin. Two credits. Given every even year.

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3. *Advanced Systematic Psychology*—This course is designed for students who desire further work in the field of general psychology than is offered in Course 1. It seeks to correlate the various functional observations of the beginning course into a systematic whole. The subject is divided into causal and purposive psychology; under the first heading the physical world is discussed as it shapes human behavior; under the second, the personality is considered as a purposive agent, acting to modify and control the world. The philosophical consequences of inductive psychology are discussed in an effort to correlate the material of the course with the student's social, ethical and religious consciousness. Three credits. Given every odd year.
4. *Genetic Psychology*—The beginnings of the mental inheritance are examined from the phylogenic standpoint. The causes of individual variation, the problem of acquired characteristics, segregation and dominance, determination of sex, and like problems are taken up with an emphasis on the eugenic factors of racial development. Three credits. Given every odd year.
5. *Psychopathology*—The study of the diseased mind in its various abnormal states. Neurasthenia, hysteria, paranoia, hypnosis, are examined from the physiological basis in an effort to determine their causes. Tests and educational measurements for subnormal school children are taken up together with the study of the physical bases usually found to underlie the state. Two credits. Given every even year.
6. *Comparative Psychology*—A consideration of the animal mind, including an examination of the grounds on which our inductions concerning it are made. Constant comparisons are made between animal and human behavior. Two hours. Given every odd year.
7. *Experimental Psychology*—Analysis of the senses of sight, hearing, touch; of the processes of visual and tactile space perception; of fundamental affective and motor reactions. Laboratory and research work is emphasized. Two credits. Given every even year.
8. *Psychology of Religion*—Nature, origin and development of religious consciousness. The relation of religion to conduct and to values. Study of various religious phenomena, such as mysticism, prayer, conversion. Lectures,

COURSES OF INSTRUCTION

- collateral reading and reports. Open to juniors and seniors who have had Psychology 1. Two credits. Given every even year.
9. *General Psychology*—This course is designed especially for students taking the Normal Course. It aims to give them (1) the technical vocabulary of the subject and (2) an acquaintance with psychological laws and theories which have to do with human behavior in its relation to the learning process. First semester. Three credits.
 10. *Educational Psychology*—An outline course in which the growth of the child mind is traced to the changes in adolescence. The instincts, impulses and functions of the perception process are analyzed with a view of arriving at sound pedagogic principles. Second semester. Three credits.
 11. *Child Psychology*—A course dealing with those tendencies of the child which bring about its mental and physical development. Practical problems of child life are studied. Prerequisite, a general course in Psychology. Three credits. Second semester.

DEPARTMENT OF PUBLIC SPEAKING

PROFESSOR LYNETTE HOVIOUS

Logical and consecutive thinking, development of the powers of expression, and education of the sensibilities, form the ideal which inspires the work of the Department.

The courses are designed to give preparation in three general lines of work: (1) In Argumentation and Debate, and the composition and delivery of all kinds of public speeches; (2) In Interpretive reading and dramatic presentation; (3) In voice training and the simple corrections of speech defect.

The courses are so arranged as to make possible systematic and progressive study during the four-year

COLLEGE OF PUGET SOUND

College course, toward a major in Public Speaking. The requirement for a major is the same as in other departments.

The College of Puget Sound participates in several intercollegiate contests in debate and oratory, and further opportunity for outside practice outside regular courses is to be found in local student activities in drama, oratory and debate.

PRIVATE LESSONS.—Students majoring in other departments, and special students not desiring regular College work may register for private work in the Department. Credit is given to regularly admitted College students who meet the requirements of the Department. All private instruction will involve extra financial consideration for rates of which, see the schedule of tuitions and fees.

RECITALS.—Recitals are given in order that the student may have the experience of appearing before an audience. All students enrolled in the department are expected to be present at each recital.

ENTERTAINERS.—Churches, schools and other organizations may call upon the department for student players and readers. These will be sent out for the practice it may give them, without remuneration except their expenses, providing the student desires to accept the invitation.

RECITALS.—Programmes given by the Professors of the Department will not be given without remuneration. For further information, call the Department.

COURSES OF INSTRUCTION

COURSES

- 1,2. *Extempore Speaking*—A foundation course in practical public speaking. A study in the selection, organization, and presentation of speech material. Lectures, extempore speeches, class discussions, wrangles. Required of all students. Two sections. Repeated second semester. Two credits.
- 3,4. *Advanced Public Speaking*—Lectures, recitations, and prescribed reading. Brief history of the important periods of oratory; qualifications of the orator; psychology of the emotions, persuasion, and imagination; the kinds and conditions of audiences. Each student will be required to prepare and deliver various kinds of speeches, topical addresses, the after dinner speech, and the oration. Prerequisite, course 1. Course 3 required of all students. Two credits each semester.
- 5, 6. *Argumentation and Debate*—The first semester is given to the practical principles, and the laws governing debate. The second semester's work deals with logic and theoretical debate found in deductive and inductive argument, fallacies and analogy. This course includes the writing and discussion of briefs. Debates on leading questions will be required of each student. Those expecting to take part in inter-scholastic or inter-collegiate should be enrolled in this course. Prerequisite, course 1 or 2. Three credits each semester.
7. *Debate Seminar*—This is a laboratory course required of all those participating in inter-collegiate debates. Given the second semester. Two credits.
- 8,9. *Play Production*—A study in the problems involved in producing amateur plays. This course is intended primarily for those who expect to have charge of such work in high schools, colleges, or community centers. The following special topics are considered: aims of amateur production, selection of the play, choosing and training the cast, organizing for the production, stage setting and lighting, costuming and make-up, principles of acting. The working out of some special problem and the reading of several plays are required of each student. Plays will be studied and presented in class and, if the quality of the work warrants, public productions will be arranged. Class limited to twenty students. Three credits each semester.

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- 10, 11. *Oral English*—This course is open to all, but is arranged more especially for those intending to teach. This course will introduce methods of procedure in the teaching of reading; the value of phonetics; dramatization; story telling. Two interpretive readings will be studied and presented by each student during the second semester. Required of all sophomore Normal students. Three credits each semester.
- 12-13. *Literary Interpretation*—“*Literature is one of the fine arts. More important still, literature is an expression of human life.*” This course will be a study of various literary forms with selections from masterpieces; contemporary literature; Biblical literature; classic and modern drama. Two credits each semester.
14. (a)-(b). *Junior Privates*—Private lessons may be an elective to all but are required of those majoring in the department. One credit each semester.
15. (a)-(b). *Senior Privates*—One private lesson per week required of all those majoring in Public Speaking. One credit each semester.

DEPARTMENT OF RELIGION

DR. A. P. ROLEN

DR. ANDREW WARNER

The program of studies here offered is not to be regarded as a curriculum in theology, but is designed for students of whatever vocational intention.

Credits for courses pursued in this department will be accepted toward the satisfaction of the requirements for major in those departments of the College under which they fall according to their academic classification.

4. *Life and Teachings of Jesus* (Philosophy)—The social, ethical and religious teachings of Jesus as found in the four Gospels, will be studied as a part of the expression of his life or character. Effort is made to determine just what is the Christian philosophy of life. Two credits. This is the required course for Freshmen. Given each semester.

COURSES OF INSTRUCTION

5. *Principles and Methods of Religious Education* (Education)—The aim of the course is to show how the best educational theory and methods may be applied in the moulding of character. A study will be made of the religious nature of the child at various stages of his development. The course will close with a discussion of the place of the family, the Sunday School, clubs, colleges and state schools, together with methods best suited to each, in the teaching of religion and morals. Two credits.
7. *Philosophy of Religion* (Philosophy)—After a rapid review of the nature and development of religion, the nature and validity of religious knowledge will be studied. The latter part of the course will be concerned with the ultimate truth of religion; God, His nature and attributes; the problem of evil; the progress and destiny of man. Lectures, assigned reading and open discussion. Open to juniors and seniors who have had Psychology 1 or Philosophy 1. Two credits.
8. *Grounds for Theistic Belief* (Philosophy)—The various arguments for the existence and personality of God; evidence for the trustworthiness of Christianity, the religious instinct, the ethical impulse. Open to Juniors or Seniors only. Two credits.

For courses in psychology of religion, see the department of psychology; for a study of the Bible as literature, see the department of English.

MISCELLANEOUS CREDITS

College Problems—The course is required in the Freshman year of all four-year curricula, and is open to all other freshmen. The course will seek to anticipate the various vital problems—disciplinary, scholastic, physical, religious, social, moral, economic, cultural and vocational—that present themselves to the college student, and will seek to relate the college

COLLEGE OF PUGET SOUND

training to later life. The course consists of weekly lectures thruout the first semester given by the dean, supplemented by collateral reading from some of the most instructive and most stimulating books in the field covered. One credit.

Physical Education—A course allowing one credit each semester is required of all freshmen. The course consists of two general features: First, practical hygiene; second, physical training, consisting of gymnastics or athletics. Students physically incapacitated for gymnastics or athletics may be permitted to satisfy the full requirement with hygiene.

Chapel Choir—The Chapel Choir is composed of twelve voices selected from among the students and trained by the Director of the Conservatory of Music. The choir meets one day each week for practice and rehearsal. One credit is given for membership in the choir for one year.

Public Literary Work—On recommendation of the head of the department of English the editor-in-chief of the student publication, The Trail, is entitled to two credits for the work of one year.

The Editor-in-Chief of the *Tamanawas* on the same basis may receive one credit.

SUMMER SESSION

Duration—The Summer Session extends for a period of nine weeks, or one-half a semester, for credit

SUMMER SCHOOL

courses. Certain credit courses may be discontinued at the end of six weeks with two-thirds of the full credit, if desired.

Scope of Instruction—Instruction offered in the summer session consists of college courses for credit.

The courses available for college credit will be somewhat determined by the demand, as the College is not able to organize classes for fewer than six students. However, the following courses can be anticipated with reasonable assurance: In *Education*—History of Education, Theory and Art of Teaching, School Manual, Normal Music, Normal Art; in *Psychology*—Principles of Psychology; in *History*—American History, European History; in *Social Science*—A selected course in Sociology or Economics; in *Botany*—a course in Morphology; in *Physiology* — a general course, including hygiene; in *Home Economics*—elementary courses in cookery and sewing. Other courses in these and other departments will be offered as demand warrants. Credit obtainable is limited to nine credits for nine weeks or six credits for six weeks.

For the first grade elementary certificates, in addition to the foregoing subjects required for the second grade elementary certificate, the following subjects are given: Nature study, drawing, literature, agriculture, civics, physical geography and music; but in lieu of two of these subjects substitutes acceptable to the State Board of Education may be offered.

Living Expenses—A limited number of students can be accommodated in the College dormitories. For those preferring residence and board with private families, these accommodations can be obtained con-

COLLEGE OF PUGET SOUND

venient to the College at reasonable figures. For board and room in the College the lowest practicable rates will be charged. A deposit of \$2.00 is required of those who make reservations in the dormitories.

Lecture and Entertainment Course—A lecture and entertainment course will be given consisting of readings, musicales, stereopticon lectures and addresses on special educational topics by prominent educators.

Advantages—Tacoma is beautifully surrounded by a country full of interesting phases of nature. Parks in the city, beautiful driveways in the country, the seashore and the mountains, furnish ample opportunity for most profitable pleasure trips.

Along with the special opportunity for study and recreation, and college surroundings, with tennis courts, athletic field, library and laboratories, are to be considered. In a measure, the spirit of the college is carried over into the summer school. Last summer there was more of the advanced work done than previously. We shall strive to develop this feature.

For further information concerning the summer school address the president.

Conservatory of Music

Faculty

Clayton Johnson, *Director* — Organ, Pianoforte,
Harmony, Counterpoint, etc.

Frederick Kloepper, Voice Culture.

Mrs. Chauncey Dunkelberger, Violin.

Madge C. Hurd, Pianoforte.

Pearl A. Anderson, Pianoforte.

Rita Todd, Pianoforte.

The Conservatory of Music is closely affiliated with the College of Liberal Arts, contributing in a large way to the general culture and activities of the College. Situated in the city of Tacoma, the students have the advantages of a city coupled with those of a live college. This, together with the thoro and up-to-date work required in the Conservatory of Music, makes an ideal environment for the ambitious student to become a thoroly broadened and experienced musician.

Equipment—The Conservatory of Music has a building wholly given up to the needs of this department. In it are to be found the Director's office, a reception room as well as teaching and practice rooms, and all business connected with this department is carried on in this building.

Special Free Advantages—The Chapel choir is composed of voices selected from among the students and trained by the Director of the Conservatory of Music. This regular professional training received in the choir means much to the student of music. The College also grants credit for work done in the Chapel choir.

The Women's Glee Club is made up of sixteen members, who are chosen for their good voices. To be a member of the glee club it is not necessary to be able to read music or to have a trained voice, altho both are desirable. Training is given free of charge in class work by the Director or his assistant.

Recitals and Concerts—These are given by the faculty and students at specified intervals thruout the year. On each Thursday during the school year special music is given at the Chapel service by the Chapel choir or visiting musicians. This gives ample opportunity for hearing the best music, as well as a little valuable experience in public performance. All students are expected to take part when called upon.

Enrollment—Students may enroll at any time during the year, but it will prove more satisfactory to both teacher and student for all to begin work at the opening of the school year, for then is the only time when classes in Science of Music begin the year's work.

CONSERVATORY OF MUSIC

Summer School—The Conservatory of Music will be open thru the Summer months and work may be done in any branch of the art. The climate of Tacoma is ideal for Summer study and one may rely on accomplishing much during this term of school.

COURSES OF STUDY

Preparatory Course—This course is the fundamental piano work required of all students who contemplate graduation from any of the courses offered in the Conservatory. Its object is to give a solid foundation which will enable the student to pursue with intelligence and less difficulty the subjects given in the more advanced grades. This course includes Scales, Major and Minor, in all keys and Arpeggios, Czerny Op. 599 and Heller Studies Op 47, and and it is just as important for the singer and violinist as it is for the pianist and the organist.

Pipe Organ—In this course, piano technic plays a very important part. It is quite necessary that the one who attempts to master the king of all instruments should have at least all of the piano work required in the Preparatory course. Ordinarily, pupils are prepared in one school year's time to undertake a church position. The Course includes Rinck's Organ School; Buck Pedal Studies; Preludes and Fugues of Bach; Sonatas by Mendelssohn, Guilmant and Rheinberger; Concertos by Handel and Symphonies of Widor.

Pianoforte—As the piano is the foundation for all branches of music we give much attention to this department. Our work is thoro and progressive and our course is up to date and the equal of any in the country. We train students for teaching or concert work and we require such additional work as will broaden, refine and elevate the taste in music. This course includes Exercises for Independence of Fingers, by Philipp; Mendelssohn, Songs without Words; Moscheles Etudes Op. 70; Bach, Inventions Preludes, Fugues and Suites; Beethoven Sonata; Chopin Etudes; as well as smaller pieces by American composers. Concertos by classic and romantic composers.

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Voice-Culture—In breath control, tone placing and voice building, only the best and most approved methods are used. These follow the lines laid down by the old Italian masters of singing. Much attention is given to interpretation as well as vocal technic. Students of voice culture are urged to study piano also. The Exercises of Sieber, Bordogni, Marchesi, Baccai, Lutgen are used as well as Schubert, Schumann and Brahms songs; Arias from Opera and Oratorio; Song Cycles and American songs; quartettes, duets, etc.

Violin—The violin is one of the most delightful instruments and at the same time one of the most difficult to master. We give much attention to the position, correct intonation and bowing. Students of the violin are advised to take up the study of the piano and harmony also, as those studies will prove of great value before the course is finished. In this course the works of Sevcik, Kreutzer, Pjotillo are used, with Concertos of Viotti, DeBerriot; Davids Violin School and Sonatas of various composers.

Science of Music—This course is all class work and embraces all work from the Rudiments of Music thru four years' course. It is very important to students and should be carried on with the regular work in Applied Music. Although only a part of the work is required for graduation in any of the other courses, the regular diploma of the Conservatory of Music will be awarded upon completion of all the work in Science of Music. Included in the course are Rudiments of Music, Harmony, Counterpoint, Composition, Orchestration, History of Music, Ear Training, Ensemble playing, Normal Music, Sight Reading and Physics.

Graduation—Believing that having a definite end in view and a thorough course to follow leads to better results, we encourage our students to work towards graduation in one or more of the courses in the Conservatory of Music. Altho many students finish the course in two or three years, many more will require a longer time; therefore, we do not promise to graduate any one until the end is in view, and seldom then do we promise. Everything depends upon the pupil himself; his natural ability, preparation, ambition and aptitude for work. Any student who has been regularly enrolled in the Conservatory of Music for not less than two semesters may apply for a diploma.

CONSERVATORY OF MUSIC

Teacher's Diploma—Besides finishing the work in one or more of the regular courses all students must fulfill the requirements named in the Preparatory course, must appear in three or more of the regular public recitals or concerts of the Conservatory and must have passed a grade of seventy-five per cent. in all of the required classes of Science of Music. Diplomas will not be awarded to any under the age of twenty unless satisfactory evidence can be given of having completed the work preparatory to entering the High School. A graduation recital for each course in Applied Music will be required.

Post-Graduate Diploma—This diploma will be awarded in Organ, Piano, Voice or Violin to any student or musician who, in addition to the requirements of the Teacher's Course, has successfully completed the advance work offered in the Post-Graduate course. In this course the candidate will be required to give two recitals under the auspices of the Conservatory of Music—one alone and one with assistance if desired. Students from any recognized Conservatory or School of Music, holding a diploma for work done in the course for which they desire a Post-Graduate diploma, will be exempt from the Applied Music required in the Teacher's course.

RATES OF TUITION

Piano—Mr. Johnson	\$2.50
Voice—Mr. Kloepper	2.50
Violin—Mrs. Dunkelberger	1.50
Piano—Mrs. Hurd	1.50
Piano—Miss Anderson	1.00
Piano—Miss Todd	1.00

Graduation Awards

CONFERRED COMMENCEMENT DAY, 1921

DEGREE OF DOCTOR OF DIVINITY

Eastbrook, Edmund P.
Harrison, Jabez C.

DEGREE OF BACHELOR OF ARTS

Anderson, O. R.	Roy
Clay, Ernest H.	Quincy, Ohio
Dunlap, Dorothy Day	Tacoma
Fellers, Herbert G.	Tacoma
Hawthorne, Rosa M. Payne	Tacoma
Hastings, Goldie Thelma	Chehalis
Hong, Harold Wiborg	Tacoma
Hooker, Hazel	Tacoma
Jeffers, Alta Mae	Tacoma
Miller, Greta E.	Magnolia Beach
Myers, Marion June	Tacoma
Rynning, Lars Edgar	Tacoma
Shunk, Maude	Tacoma
Sinclair, Vera J.	Tacoma
Sprague, Roy L.	Tacoma
Wayne, Winifred	Tacoma

HONORS

Cum Laude: Maude Shunk; Vera Sinclair; Winifred Wayne;
Roy Lambert Sprague.

Honorable Mention: Ernest Clay; Harold Hong.

COLLEGE OF PUGET SOUND

NORMAL SCHOOL ELEMENTARY DIPLOMA

Anderson, Sarah Katherine
Boyle, Kathleen
Bock, Eva M.
Brasslyn, Isabel Hazel
Campbell, Mrs. Pearl S.
*Chamberlain, Maude Agnes
Clark, Beatrice
Fellows, Mabel
Hammerlund, Alice
McQuary, Madge Irva
Packenham, Carla
Ross, Billy Grace
Sullivan, Mrs. R. K.
Sund, Agnes

*Honorable mention in Education.

DIPLOMA IN THE CONSERVATORY OF MUSIC

Todd, Rita Tacoma
Pianoforte, Voice Culture, Theory, and History of Music

Register of Students 1921-1922

COLLEGE OF LIBERAL ARTS

SENIOR CLASS

Brace, Helen	Yakima
Chamberlin, Maude A.	Tacoma
Clay, Russell E.	Quincy, Ohio
Cunningham, Mrs. A. B.	Tacoma
Erp, Anton P.	Astoria, Oregon
Keating, Marion E.	Tacoma
Kinch, Clyde M.	Snohomish
*Longstreth, Ed.	Tacoma
Maddock, Florence H.	Tacoma
Michener, Dorothy Q.	Tacoma
Monroe, Helen Q.	Tacoma
Murland, Helen A.	Tacoma
Oakes, Mildred M.	Hillyard
Peterson, Estella C.	Tacoma
Scott, Agnes C.	Tacoma
Smith, Nellie L.	Auburn
Snyder, Paul J.	Gig Harbor
Warren, Myrtle	Roy
Shackleford, Martha W.	Tacoma
Dufall, Esther Frances	Tacoma

JUNIOR CLASS

Anderson, Mary	Tacoma
Arnett, Steven	Tacoma
Beckman, Ethel R.	Tacoma

*Deceased.

COLLEGE OF PUGET SOUND

Beattie, David G.	Sumner
Brooks, Ben F.	Tacoma
Ciscar, Victorino	Philippine Islands
Cruver, Roy E.	Puyallup
Goehring, Frances	Tacoma
Graham, Esther	Waitsburg
Harding, Gladys	Tacoma
Johnson, Esther W.	Bow
Jones, Cyrus D.	Tacoma
Lawrence, Norma	Tacoma
Lemmon, Fielding	Tacoma
Mills, Marjorie M.	Tacoma
McPhail, Ross E.	Tacoma
Newton, Jessie L.	Oakville
Nicholson, Pheobe M.	Nespelem
Ohlson, Margaret A.	Tacoma
Parker, Belle B.	Tacoma
Perry, Warren	Tacoma
Scheyer, Hilda	Puyallup
Scott, Wallace	Tacoma
Stone, Newell	Grandveiw
Swayze, Thomas	Tacoma
Warren, Ermine Q.	Colby
King, Helen G.	Snohomish
Bowman, Douglas Clyde	Tacoma
Todd, Florence Ruth	Tacoma

SOPHOMORE CLASS

Acton, Mrs. Bernice	Tacoma
Avarientos, Eugenio	Philippine Islands
Bestler, Thelma	Tacoma
Brix, Helen A.	Tacoma
Burger, Hazel	Tacoma
Carlson, Elmer T.	Gig Harbor
Clark, Florence K.	Centralia

REGISTER OF STUDENTS

Cory, Merle R.	Tacoma
Ellis, Lester M.	Tacoma
Forsberg, Mildred M.	Tacoma
Frees, Martha M.	Tacoma
Fretz, Harold T.	Burton
Greene, Lucile	Tacoma
Hampton, Linnie	Tacoma
Heagerty, Mrs. Mamie G.	Tacoma
Hedstrom, Dwight G.	Tacoma
Kennedy, Marjorie	Tacoma
Kennedy, Ruth E.	Tacoma
Kenney, Lula	Vader
Kerr, H. Catherine	Tacoma
Kilborn, Lodemia	Tacoma
Kloeppel, Mirian	Tacoma
Knoell, Laura E.	Tacoma
Matthews, Alfred W.	Puyallup
Monty, George R.	Tacoma
Myhrman, Herman M.	Tacoma
McKenzie, Anne E.	Tacoma
McWilliams, Guy	Tacoma
Newcomer, Ruth P.	Tacoma
Norris, Roy	Tacoma
Nourse, Salem A.	Tacoma
Olson, Bernice N.	Tacoma
Pangborn, Helen M.	Tacoma
Peterman, Luella M.	Puyallup
Peterson, Selma	Enumclaw
Rector, Harold G.	Hillyard
Revelle, Chas.	Tacoma
Rumbaugh, Edwin R.	Tacoma
Schmid, Roma C.	Tacoma
Scott, Thelma M.	Mabton
Schrader, Arthur E.	Tacoma
Schuster, Ethyl H.	Tacoma
Skreen, Hilda	Tacoma

COLLEGE OF PUGET SOUND

Stoddard, Myrna B.	Puyallup
Storrey, Ethel M.	Bellingham
Swanson, Ruth	Tacoma
Symonds, Dorothy H.	Tacoma
Tennant, Alice	Tacoma
Thomas, Ralph R.	Tacoma
Tuell, Nan Q.	Tacoma
Turley, Edith F.	Tacoma
Vaughn, Max	Sedro Woolley
Warburton, Stanton	Tacoma
Wasson, Richard K.	Puyallup
Wheeler, Ruth I.	Steilacoom
Williams, Winifred	Tacoma
Wright, Dalta M.	Bucoda

FRESHMAN CLASS

Ahnquist, Evelyn H.	Tacoma
Alexson, Enoch H.	Tacoma
Alsip, Lucile M.	Tacoma
Amende, Edward E.	Yakima
Anderson, Chas. W.	Coeur d'Alene, Ida.
Anderson, Marjorie I.	Mt. Vernon
Andrews, Herbert L.	Sumner
Andrus, Frederick L.	Portland
Backus, Clyde H.	Tacoma
Backus, Evelyn G.	Tacoma
Berg, Lawrence R.	Tacoma
Biesen, Chester	Rainier
Blair, Mildred B.	Bremerton
Blancher, Erwin M.	Tacoma
Blanton, Harold E.	Tacoma
Bowen, Lillian G.	Puyallup
Brace, Lois I.	Yakima
Brewitt, Laura I.	Tacoma
Brown, Vera	Tacoma

REGISTER OF STUDENTS

Brown, William H.	Tacoma
Buckley, Helen E.	Tacoma
Bussone, Dominick J.	Tacoma
Butchart, Chas.	Sunnyside
Chester, Katheryne W.	Tacoma
Chowning, Noble H.	Dryad
Clinton, Frances	Adna
Cook, David B.	Burton
Cook, Ernest J.	Tacoma
Cook, Richard H.	Tacoma
Craig, Virginia	Tacoma
Crawford, J. Ben	Tacoma
Crockett, Elizabeth W.	Tacoma
Dahlke, Myrtle B.	Puyallup
Danstrom, Kenneth C.	Tacoma
Davis, Anne A.	Tacoma
Davis, Florence L.	Tacoma
DuBuisson, Dorothy D.	Tacoma
Eaton, Mildred Cleo	Centralia
Evans, Margery	Kapowsin
Fassett, Mrs. Mabel	Tacoma
Fischer, Ray C.	Tacoma
Floberg, Dorothy	Tacoma
Fox, Ardis	Tacoma
Gast, Mildred K.	Tacoma
Gerberick, Esther L.	Tacoma
Gordon, Russ L.	Ellensburg
Greenlaw, Anita	Tacoma
Guptil, Marjorie	Sumner
Hageness, Arling S.	Tacoma
Harding, Marion S.	Tacoma
Hart, J. Ellena	Tacoma
Henry, Frank	Tacoma
Henton, Rayburn	Sunnyside
Hoage, Willabelle	Tacoma
Hong, Nelson Roland	Parkland

COLLEGE OF PUGET SOUND

Hoyer, Geo. H.	Castle Rock
Hoyer, James W.	Castle Rock
Huseby, Harold	Tacoma
Isenhardt, Averill E.	Wenatchee
Johnson, Hazel J.	Ilwaco
Jones, Wilfred	Sunnyside
Kellum, Margaret	Tacoma
Kenrick, Eleanor	Tacoma
Kenrick, George E.	Tacoma
Kernigham, Edith C.	Buckley
King, Almarie	Colby
Laakso, Archie A.	Winlock
Langton, Mrs. Frances	Tacoma
Larson, Nettie I.	Puyallup
Lees, Lauretta G.	Tacoma
Lemley, Lyle	Tacoma
Lemmon, Margaret E.	Tacoma
Libby, Margaret L.	Tacoma
Lucas, John L.	Tacoma
Mackey, Harold C.	Outlook
Martin, R. R.	Tacoma
Mathis, Jess	Granger
Meader, Florence	Puyallup
Melin, Blanda E.	Tacoma
Mendenhall, Dorothy	Deer Park
Mentzer, Chas. T.	Tacoma
Micki, Inez T.	Tacoma
Miller, Helen S.	Tacoma
Minsch, John C.	Tacoma
Moore, Margaret A.	Tacoma
Morgan, Alice E.	Tacoma
Morris, Katherine W.	Tacoma
Morrow, Roy C.	Sunnyside
Murland, Elva A.	Tacoma
Myer, Gladys L.	Tacoma
McAnally, James F.	Puyallup

REGISTER OF STUDENTS

McCorkle, Agnes C.	Sumner
McGee, Harold	Tacoma
McWilliams, Lucile	Tacoma
Newell, Edwin P.	Tacoma
Niemi, Elmer P.	Tacoma
Notter, Harley A.	Tacoma
Osborne, Esther L.	Tacoma
Palmer, Juliette M.	Tacoma
Parkin, Margaret I.	Seattle
Peers, Dorothy L.	Tacoma
Pierce, Nelson C.	Selah Wash.
Pomikola, John H.	Tacoma
Purkey, Ella M.	Tacoma
Randol, Wilma A.	Tacoma
Raudebaugh, Ted C.	Puyallup
Rockwell, Wm. H.	Tacoma
Rognan, Astrid	Tacoma
Ross, Ernest B.	Tacoma
Rule, Paul H.	Arlington
Russell, Alysse M.	Tacoma
Scheibler, Perry	Tacoma
Sharp, Mattie G.	Stevensville, Mont.
Sherwood, Henrietta	Puyallup
Sicade, Chas. S.	Tacoma
Small, Helen M.	Tacoma
Smith, Nona C.	Tacoma
Smith, Spencer B.	Tacoma
Snyder, Harold C.	Everett
Sonneveld, Alberta C.	Centralia
Stiles, Everett B.	Tacoma
Stinson, Geraldine E.	Gig Harbor
Swanson, Mabel N.	Tacoma
Temby, Helen L.	Selah
Thomas, Edith L.	Tacoma
Thompson, Matthew R.	Tacoma
Tidd, Stella A.	Tacoma

COLLEGE OF PUGET SOUND

Tolentino, Angel P.	Philippine Islands
Trotz, Marjorie B.	Sumner
Turley, Claude L.	Grand Veiw
Upton, Theodore	Tacoma
VanLoon, Helen G.	Tacoma
Villafuerte, Vincente	Philippine Islands
Vinson, Carol J.	Tacoma
Vogel, John F.	Tacoma
Wallace, Dorothy P.	Olympia
West, Eleanor E.	Tacoma
Westbrook, Harrison	Tacoma
Wight, Douglas T.	Sylvan
Wilson, Genevieve C.	Puyallup
Wingard, Lorraine	Tacoma
Wolner, Clarence J.	Tacoma
Wood, Guilford J.	Ilwaco
Zediker, Wilma P.	Granger
Zirtzmann, Lucile M.	Tacoma
Donahue, Mary R.	Tacoma
Barlow, Mildred	Tacoma
Buckley, James Everett	Tacoma
Bryant, Jessie Mary	Sumner
Christine, Chadwick Wilson	Tacoma
Erb, Fred Chas.	Milton, No. Dakota
Erickson, Ernest Arthur	Tacoma
Flavel, Robert S.	Tacoma
Francis, Arthur Dwight	Tacoma
Ginn, F. Merrill	Portland Oregon
Gunn, Annabel	Rosedale
Krell, George Merton	Tacoma
Hansen, Alma Clara Carla	Evaline
Henry, Ethel	Tacoma
Jensen, Alba	Astoria, Oregon
Olsen, Helen	Tacoma
Osborne, Cleo Chilton	Tacoma
Riese, Beula Evelyn	Tacoma

REGISTER OF STUDENTS

Rule, John Hall	Arlington
Scott, Mabel	Gig Harbor
Swindland, Olaf	Parkland
Thacker, Ruth Gladys	Olympia
Walter, Fern W.	Tacoma
Delamarter, Frank A.	Tacoma
Purdy, Richard C.	Snohomish

SPECIAL STUDENTS

Aldrich, Kenneth B.	Tacoma
Cavanaugh, Cecil	Tacoma
Elyea, Winifred	Tacoma
Goldberg, Mayer	Tacoma
Griffin, F. Hillis	Tacoma
Gustin, John B.	Tacoma
Harris, Arthur J.	Port Angeles
Kelty, Amy G.	Tacoma
Kimple, Edith P.	East Sound
Lem, Yorkson	Tacoma
Lesperence, Albert W.	Tacoma
Longstreth, Evelyn	Tacoma
Macek, Joseph	Tacoma
Owen, Roy M.	Tacoma
Penning, J. Russell	Spokane
Stringer, Gertrude	Tacoma
Thorson, Theodore O.	Tacoma
Wheeler, Cornelia R.	Tacoma
Youngberg, Oscar E.	Tacoma
Burke, Catherine V.	Tacoma
Wightman, F. W.	Tacoma
Ellis, Era May	Tacoma
Evans, Sara Rosena	Hartline
Goettling, Gladys Whitney	Tacoma
Grass, John William	Tacoma
Greenwood, Edward Milburn	Milton, Mass.

COLLEGE OF PUGET SOUND

Long, Ethel Marie	Dupont
Miller, Ella Fern	Tacoma
Moser, Melitta C.	Dupont
McDonnell, Mary A.	Tacoma
Schafer, Arthur George	Tacoma

CONSERVATORY OF MUSIC

1921-1922

PIANOFORTE

Andrews, Mina.....	Tacoma
Alstad, Sylvia	Tacoma
Albert, Audrey Dean	Tacoma
Burns, Charlotte	Tacoma
Barlow, Mildred	Tacoma
Bloomquist, Leonora	Tacoma
Burroughs, Howard	Tacoma
Blix, Martha	Tacoma
Ball, Anna	McMillin
Backus, Ruth	Tacoma
Cory, Arthur	Tacoma
Chowning, Noble	Centralia
Chelen, Ethel	Tacoma
Dinnetz, Ella	Tacoma
Dorsey, John	Tacoma
Erickson, Bulow	Tacoma
Evans, Ora	Tacoma
Evans, Genevara	Tacoma
Evans, Pearl	Tacoma
Elliott, Dorothy	Tacoma
Foley, Lee	Tacoma
Faler, Mildred	Tacoma
Franzen, Emery	Tacoma
Garrison, Edna	Tacoma
Garlick, Elizabeth	Tacoma

REGISTER OF STUDENTS

Gudmundsen, Alphild	Tacoma
Galloway, Robert	Hoquiam
Garceau, Myrtle	Tacoma
Heare, Dorothy	Seattle
Heare, Marian	Seattle
Huston, Ruth	Tacoma
Hart, Ellena	Tacoma
Hostetter, June	Tacoma
Hobart, Florence	Tacoma
Hobart, Edward	Tacoma
Haupt, Hollis	Tacoma
Irwin, Margaret	Tacoma
James, Mrs. C. C.	Pacific City
Jenkins, Dorothy	Tacoma
Kriegel, Ruth	Buckley
Kelly, Alice	Tacoma
Kloepper, Louise	Tacoma
Livingston, Dorothy	Tacoma
Leshner, Fredabelle	Tacoma
Leshner, Verga	Tacoma
Mills, Leila	Tacoma
Mullins, Eugene	Tacoma
Mullins, Francis	Tacoma
Michael, Mollie	Tacoma
Miller, Margaret	Tacoma
McAulay, Muriel	Tacoma
McMinimee, Winifred	Tacoma
McDonald, Martha	Vancouver
Miller, Portia	Tacoma
Martin, Marjorie	Tacoma
O'Fling, Gertrude	Tacoma
Rundquist, Ray	Tacoma
Skewis, Mary	Tacoma
Sather, Leonard	Tacoma
Storrey, Ethel Mae	Bellingham
Staples, Meroe	Tacoma

COLLEGE OF PUGET SOUND

Stobbs, Claudia	Tacoma
Steelman, Vivian	Chehalis
Steelman, Velma	Chehalis
Snider, Marie	Tacoma
Scrimshire, Elizabeth	Tacoma
Stewart, Dee	Tacoma
Todd, Mrs. A. F.	Tacoma
Wendell, Josephine	Tacoma
Wedeberg, Ella	Tacoma
Watson, Margaret	Tacoma
Wilson, Genevieve	Puyallup
Young, Esther	Tacoma
Ganz, William	Tacoma

VOICE

Anderson, Hazel	Tacoma
Arnemann, Gertrude	Tacoma
Arnold, Elsie	Tacoma
Brix, Helen	Tacoma
Craig, Mrs. Stanley	Tacoma
Cronemiller, Mrs. A. A.	Tacoma
Czennick, Otto	Tacoma
Coleman, Gladys	Tacoma
Damkier, Mrs. Otto	Sunshine
Dammann, Annie	Parkland
Delano, Opal	Tacoma
Dunbar, Mina	Tacoma
Evans, Pearl	Tacoma
Fauss, Elsie	Tacoma
Fox, Ardis	Tacoma
Graybrock, Lydia	Parkland
Hallen, Roy	Tacoma
Hughes, Lester	Tacoma
Haydon, Hazel	Tacoma
Hoage, Ruth	Tacoma

REGISTER OF STUDENTS

Jessen, Margaret	Parkland
Knabel, William	Tacoma
Kellsy, Mrs. J. P.	Tacoma
Langabeer, Mrs. Charles	Sunshine
Lamoreux, Ethan	Tacoma
McAfferty, Mrs. J. A.	Tacoma
McKee Mary	Tacoma
Marlatt, Jr. Paul	Tacoma
Muckler, Charlotta	Tacoma
Mathis, Jess	
Mullen, Mrs. George	Tacoma
Morkell, Ruth	Tacoma
Newton, Jessie	Oakville
Olsen, Ellen	Tacoma
Paulson, Vera	Sunshine
Peterson, Corrinne	Tacoma
Stewart, Eva	Tacoma
Todd, Reta	Centralia
Tucker, Mrs. A. C.	Tacoma
Vaughn, Roy	Tacoma
Voiles, Mrs. Lloyd	Puyallup
Weaver, Norma	Tacoma
Webster, Elizabeth	Sumner
Wingard, Lorraine	Tacoma

HARMONY

Burns, Charlotte	Tacoma
Barlow, Mildred	Tacoma
Carr, Grace	Tacoma
Coulter, Meredith	Tacoma
Garceau, Myrtle	Tacoma
Hart, Ellena	Tacoma
Melin, Blenda	Tacoma
Misner, Theo	Tacoma
Wohlfarth, Everett	Tacoma

COLLEGE OF PUGET SOUND

Moser, Orpha	Tacoma
Morris, Katherine	Tacoma
Snider, Marie	Tacoma
Storrey, Ethel Mae	Bellingham
Purkey, Ella	Tacoma

EAR-TRAINING

Barlow, Mildred	Tacoma
Burns, Charlotte	Tacoma
Carr, Grace M.	Tacoma
Hart, Ellena	Tacoma
Purkey, Ella	Tacoma
Snider, Marie	Tacoma
Storrey, Ethel Mae	Bellingham

HISTORY OF MUSIC

Barlow, Mildred	Tacoma
Burns, Charlotte	Tacoma
Bryant, Jessie May	Sumner
Carr, Grace M.	Tacoma
Hart, Ellena	Tacoma
Melin, Blenda	Tacoma
Morris, Catherine	Tacoma
Purkey, Ella	Tacoma
Snider, Marie	Tacoma
Storrey, Ethel Mae	Bellingham

MUSIC APPRECIATION

Barlow, Mildred	Tacoma
Carr, Grace M.	Tacoma
Gudmundsen, Alphild	Tacoma
Hart, Ellena	Tacoma
Newton, Jessie	Tacoma
Purkey, Ella	Tacoma

REGISTER OF STUDENTS

ORCHESTRATION

Burns, Charlotte	Tacoma
Carr, Grace M.	Tacoma
Gudmundsen, Alphild	Tacoma
Hart, Ellena	Tacoma
Snider, Marie	Tacoma
Storrey, Ethel Mae	Bellingham

COUNTERPOINT

Garceau, Myrtle	Tacoma
Storrey, Ethel Mae	Bellingham

NORMAL MUSIC

Acton, Bernice	Penning, Russell
Beatty, David	Peterman, Luella
Berger, Hazel	Peterson, Selma
Clarke, Florence	Skreen, Hilda
Frees, Martha	Schuster, Ethel
Hart, Ellena	Thacker, Ruth
Haegerty, Mamie	Wingard, Lorraine
Kilborn, Lodenia	Kenney, Lula
Kennedy, Marjorie	Lees, Loretta
Newcomer, Ruth	Henry, Ethel

PIPE ORGAN

Gory, Myrtle	Tacoma
Hatch, Ruth	Tacoma
Rowland, Mrs. Dix H.	Tacoma
Snell, Edna	Tacoma
Weaver, Norma	Tacoma
Wellings, Donald	Tacoma

COLLEGE OF PUGET SOUND

SUMMARY OF REGISTRATION 1921-1922

College of Liberal Arts—

Seniors	20	
Juniors	30	
Sophomores	57	
Freshmen	172	
Special	35	
Unclassified	3	317
		<hr/>

Night Classes for Teachers 86

Counted more than once 403
5

398

Summer School 1921—

College Students	76	
Normal Students	29	
High School Students	92	
Review Students	45	242
		<hr/>
Enrolled in Academic Year	31	211
		<hr/>
		609

Conservatory of Music—

Total	189	
Counted more than once	41	148
		<hr/>
Grand Total		757

Short term School of Religious Education, conducted
by Board of Sunday Schools, Summer 1921 112

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ALLSTRUM PRINTING COMPANY, TACOMA
